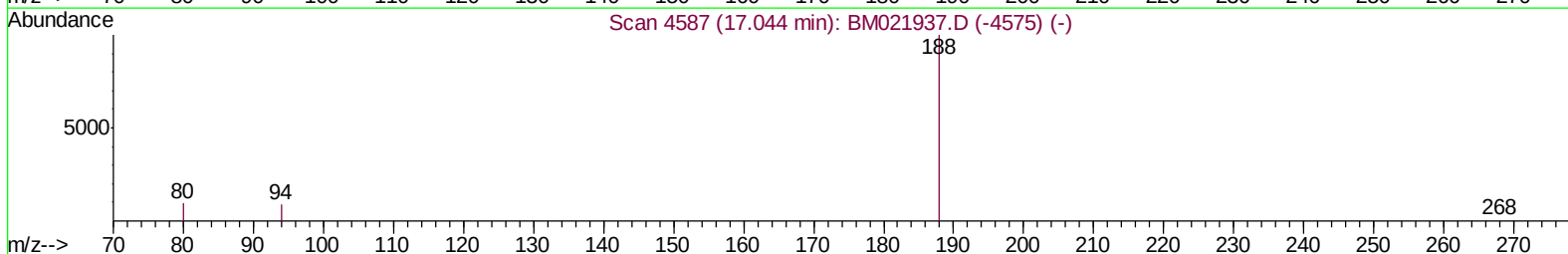
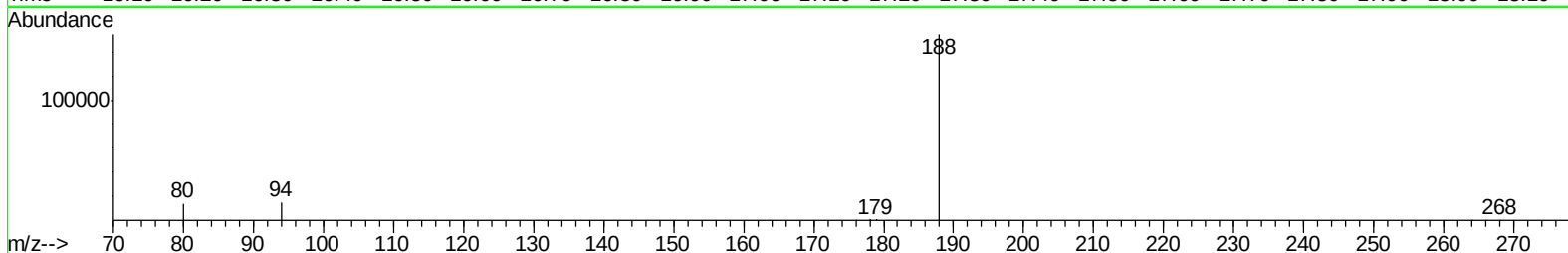
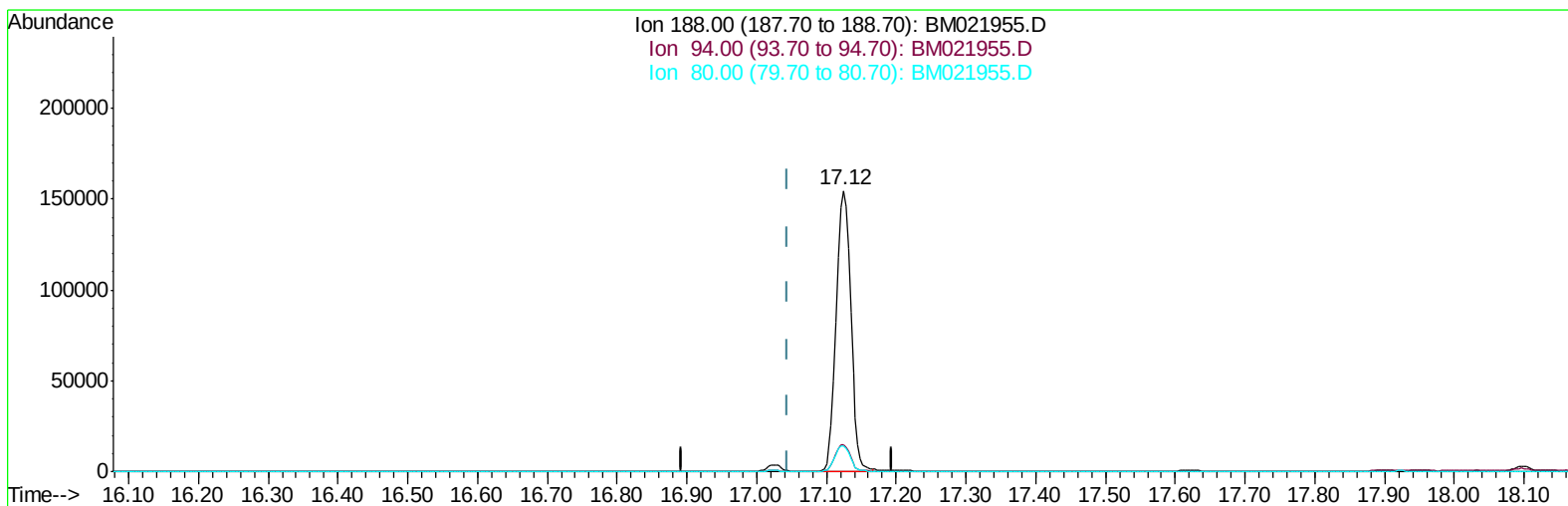


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(10) Phenanthrene-d10 (I)

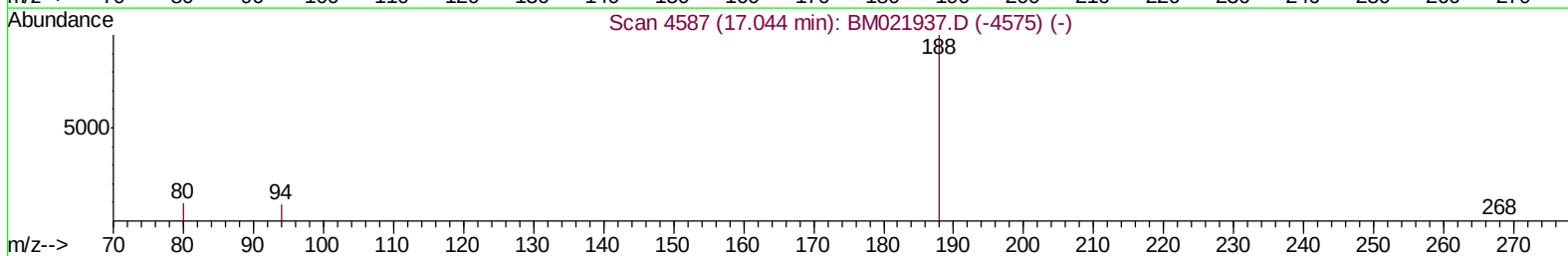
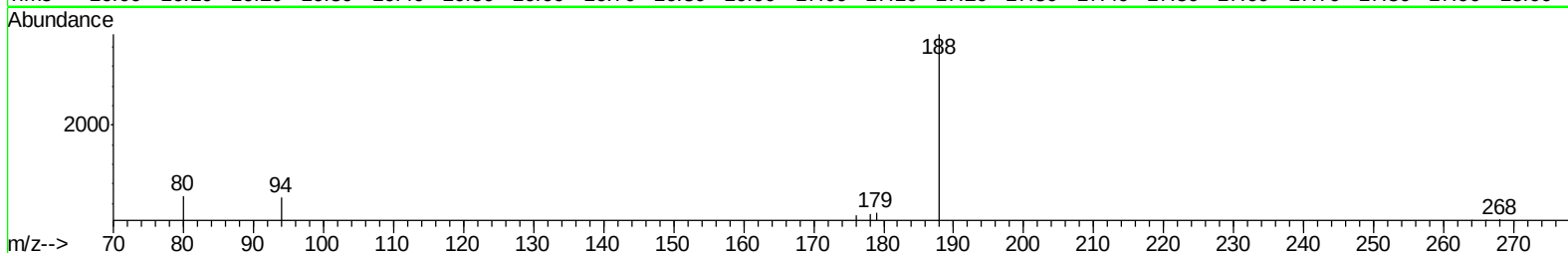
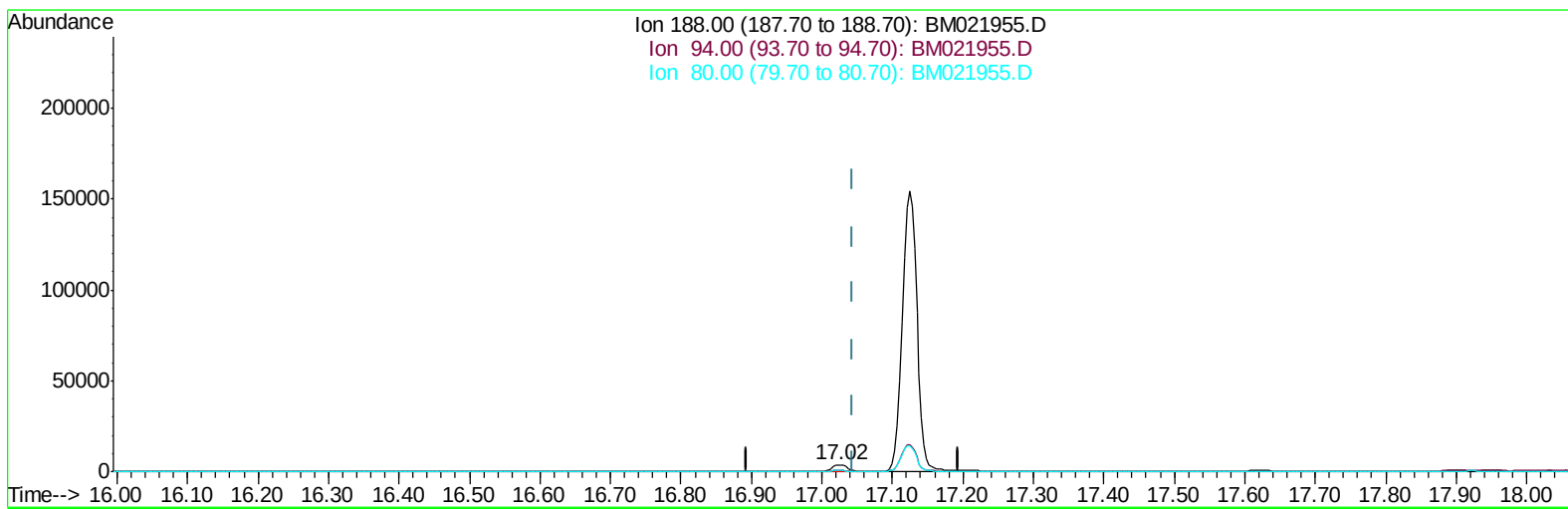
17.124min (+0.080) 0.40ng/ul

response 221372

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.66
80.00	11.40	9.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021955.D
 Acq On : 09 Aug 2019 05:40
 Operator : HP/JU
 Sample : K4028-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



TIC: BM021955.D

(10) Phenanthrene-d10 (I)

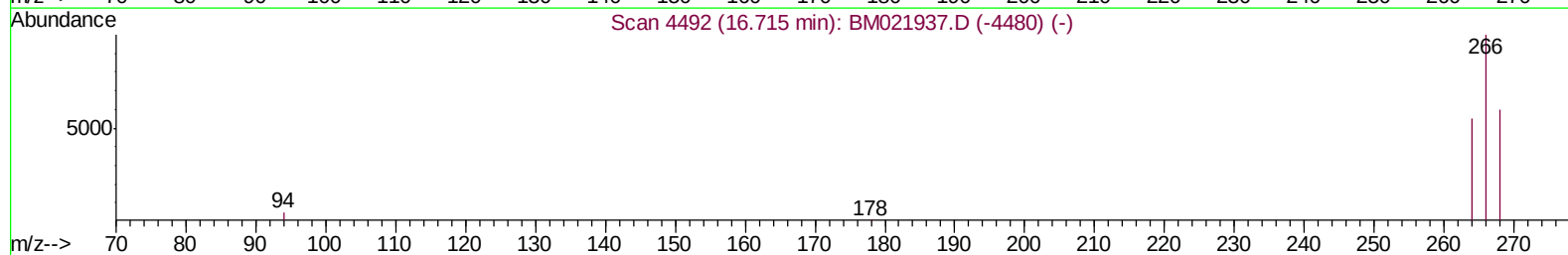
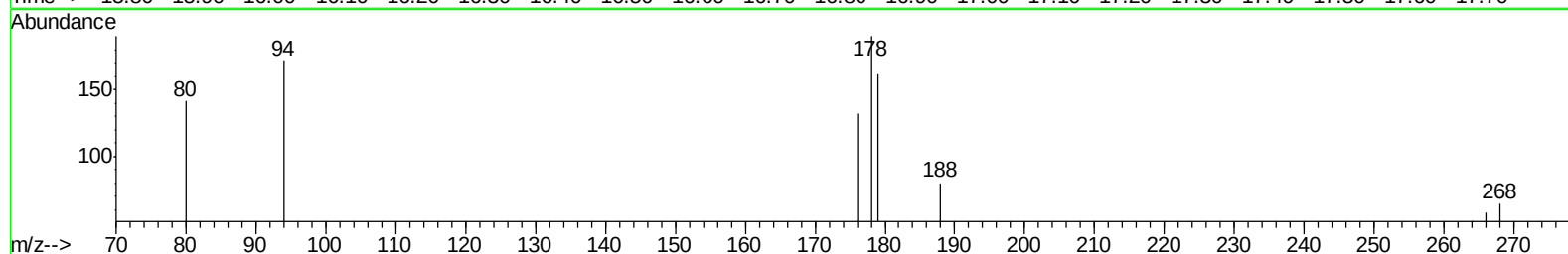
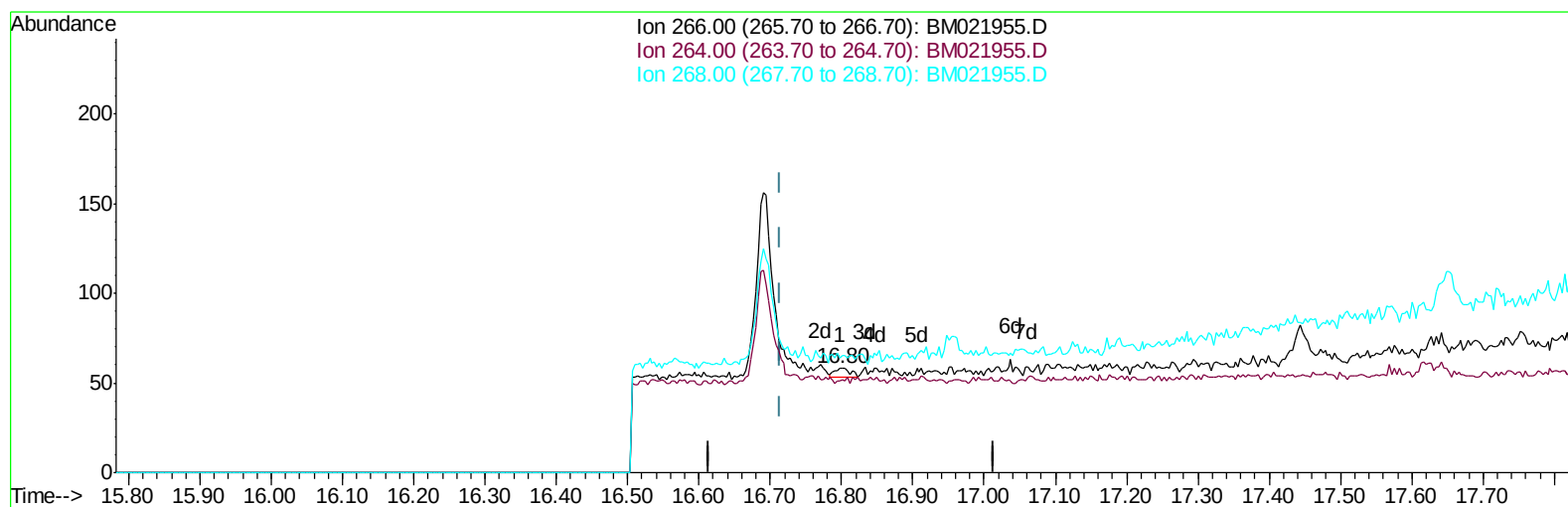
17.024min (-0.021) 0.40ng/ul m

response 5631

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.44#
80.00	11.40	14.24#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(11) Pentachlorophenol

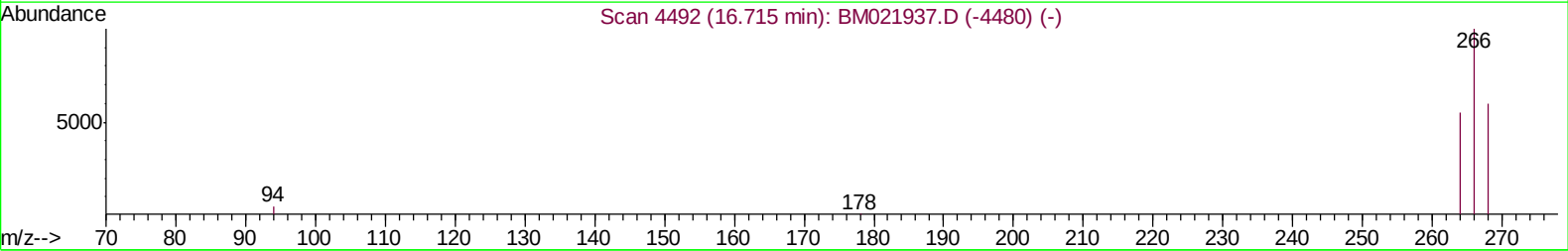
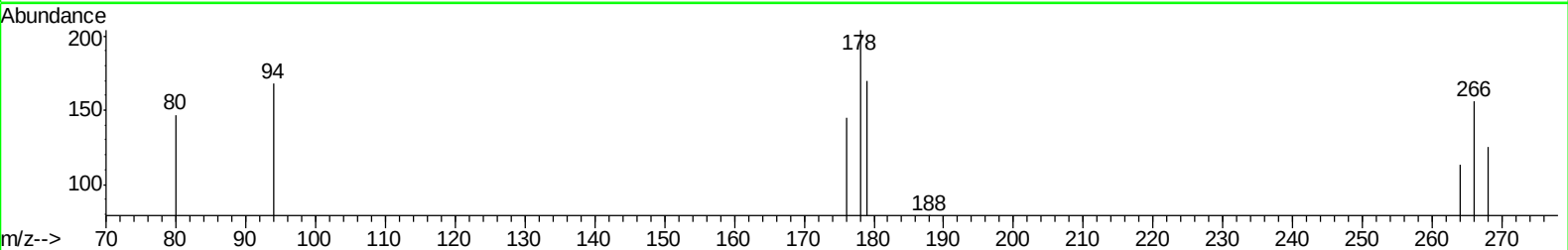
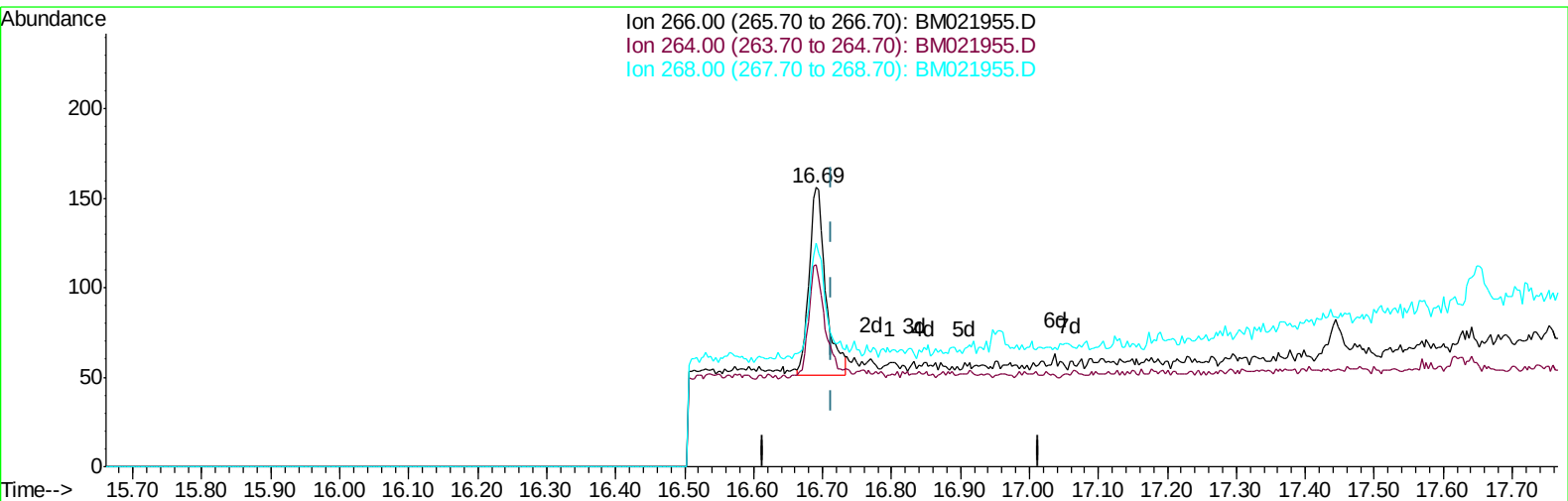
16.798min (+0.083) 0.01ng/ul

response 8

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	0.00#
268.00	72.00	112.50#
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\  
Data File : BM021955.D  
Acq On    : 09 Aug 2019   05:40  
Operator  : HP/JU  
Sample    : K4028-08  
Misc      :  
ALS Vial  : 17      Sample Multiplier: 1
```

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(11) Pentachlorophenol

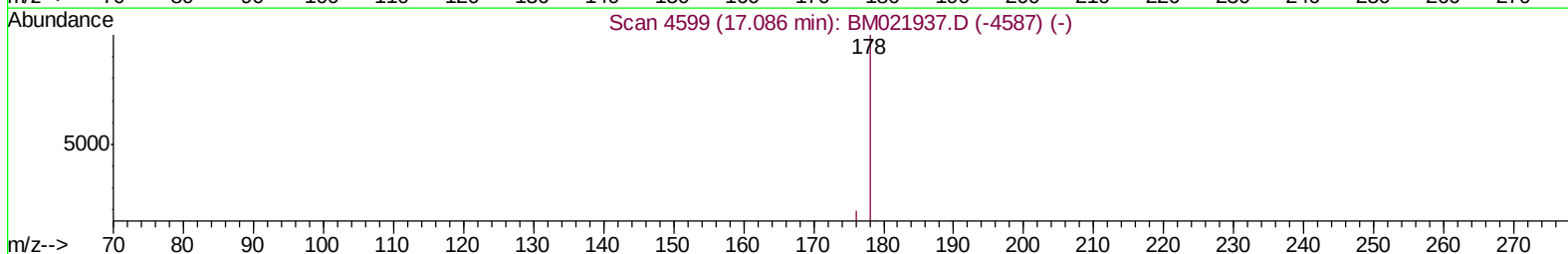
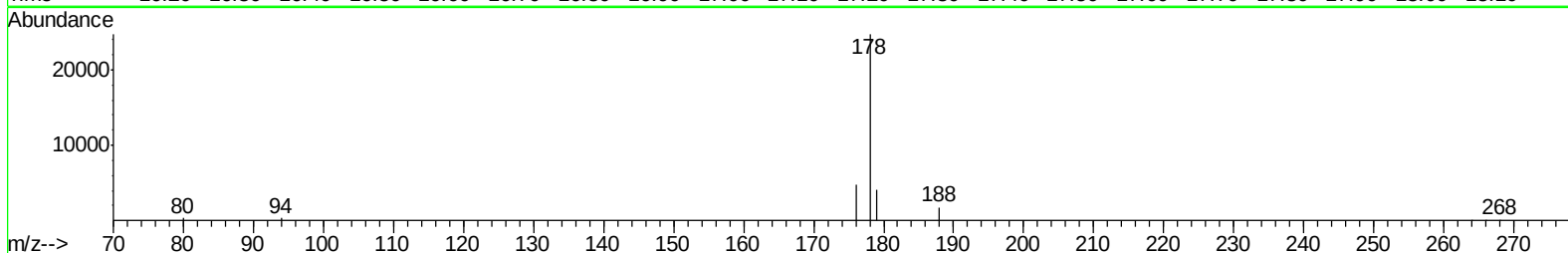
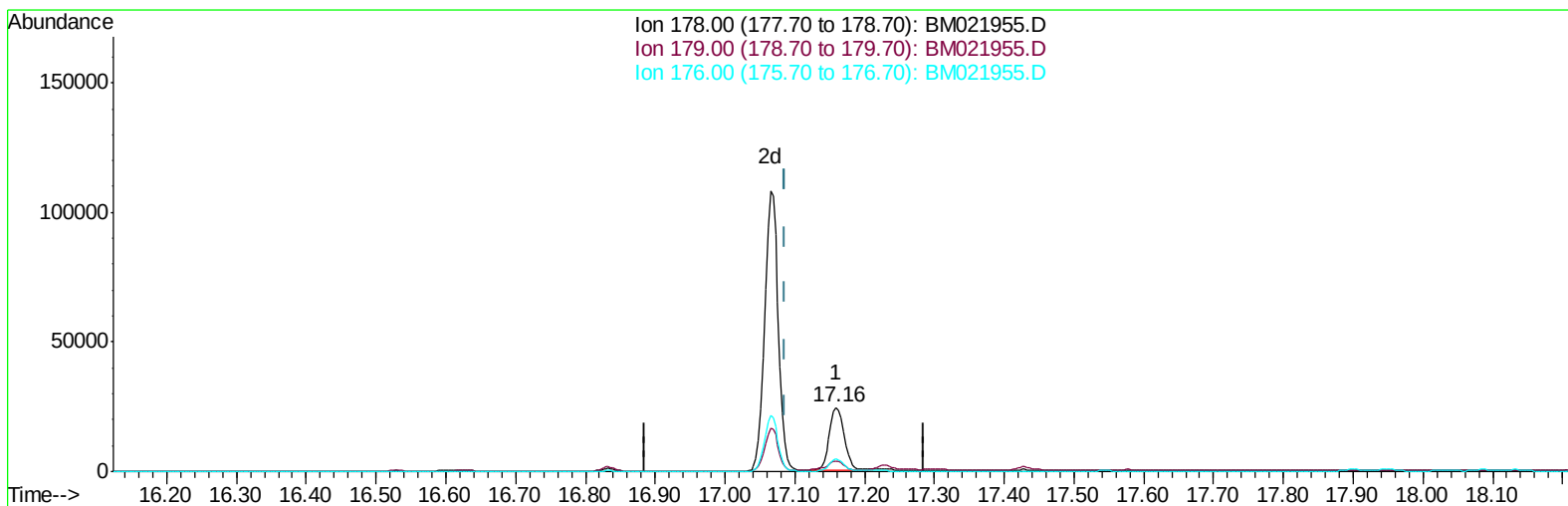
16.690min (-0.024) 0.17ng/ul m

response 175

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	0.00#
268.00	72.00	5.14#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(12) Phenanthrene

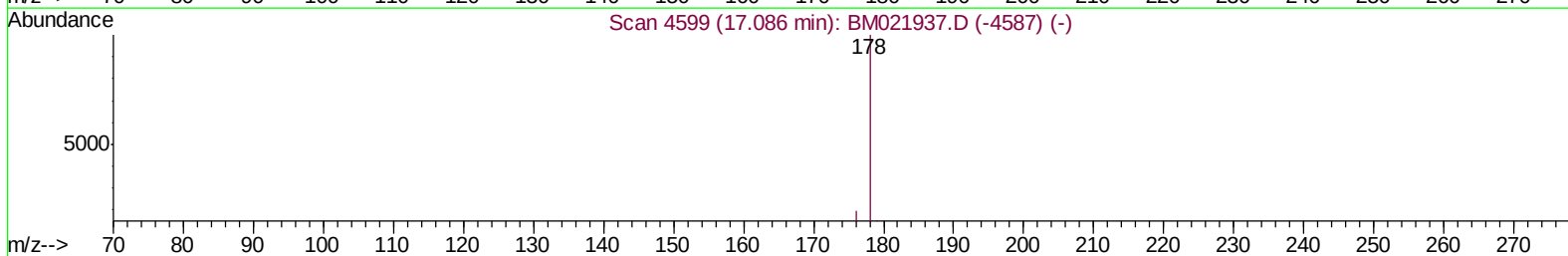
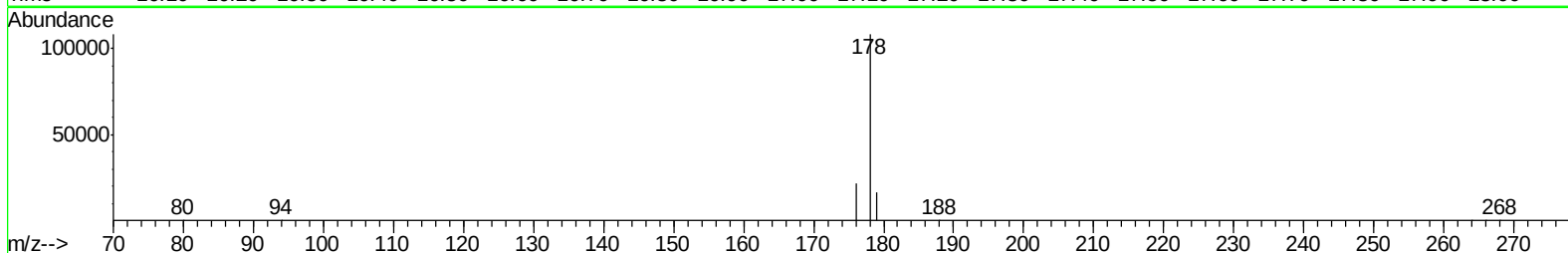
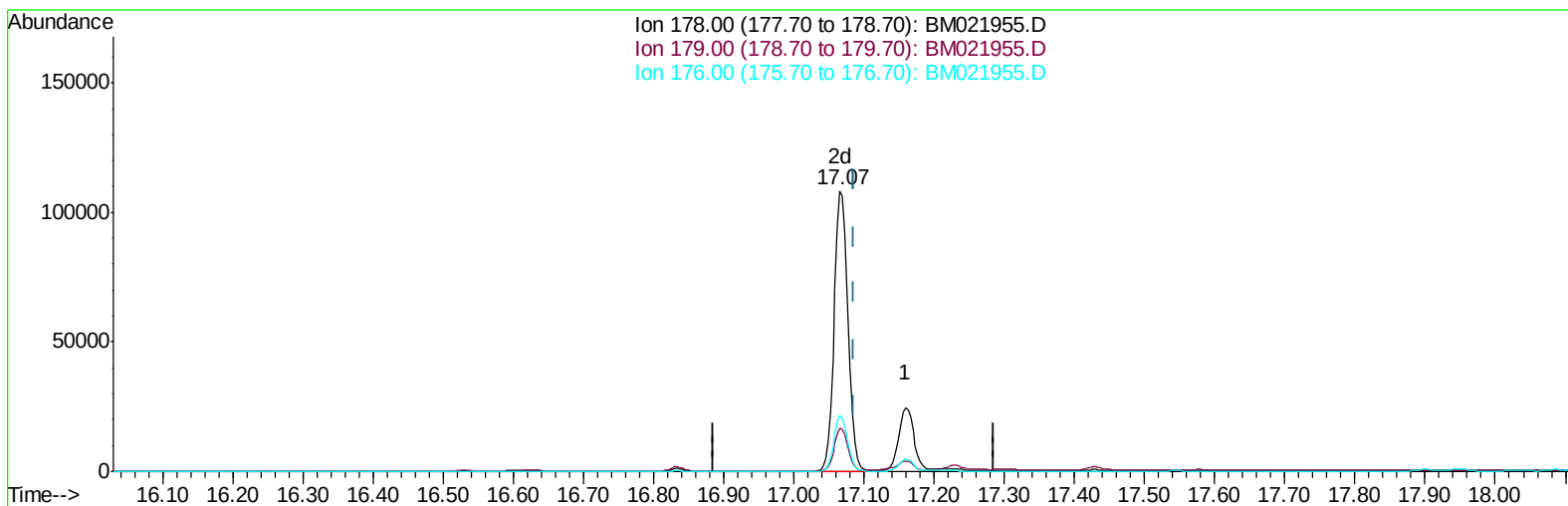
17.159min (+0.073) 2.16ng/ul

response 35318

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.37
176.00	21.00	19.25
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(12) Phenanthrene

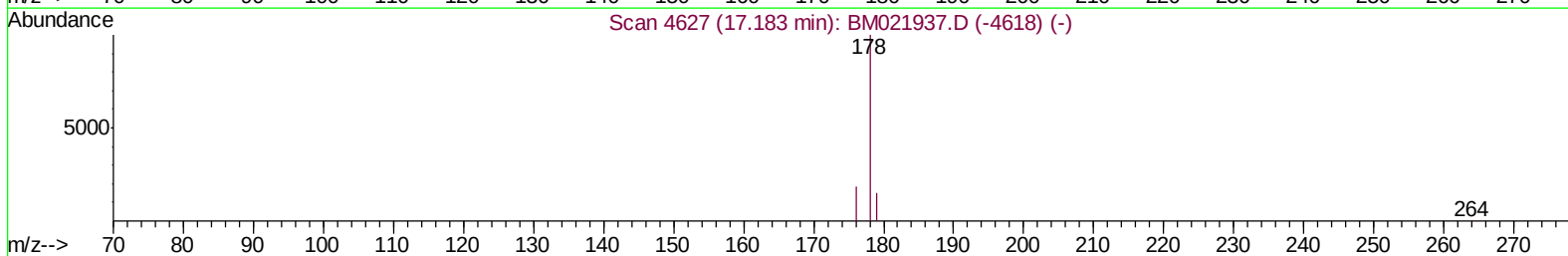
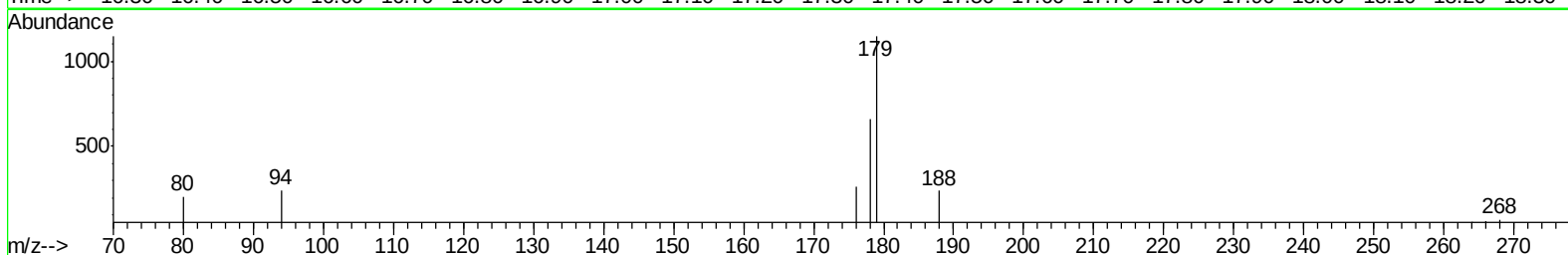
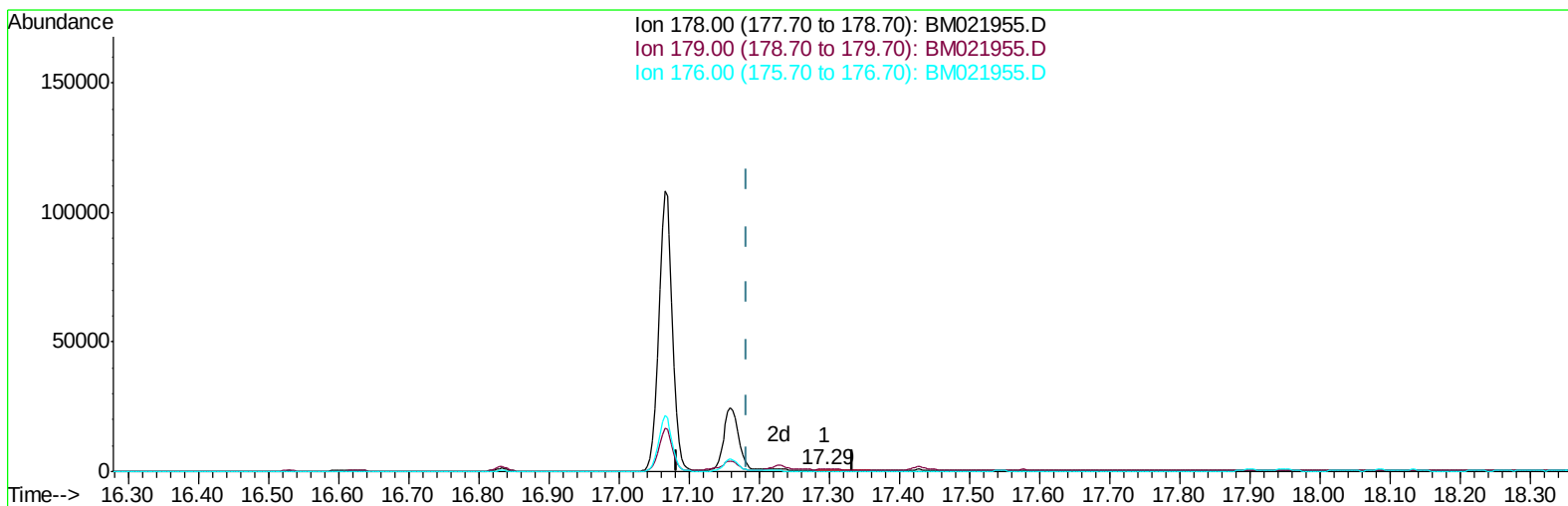
17.065min (-0.021) 9.00ng/ul m

response 147392

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.46
176.00	21.00	19.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(13) Anthracene

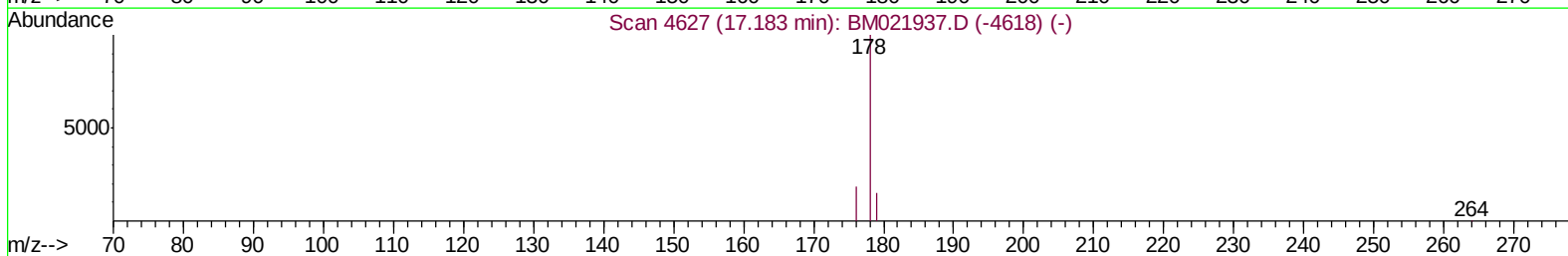
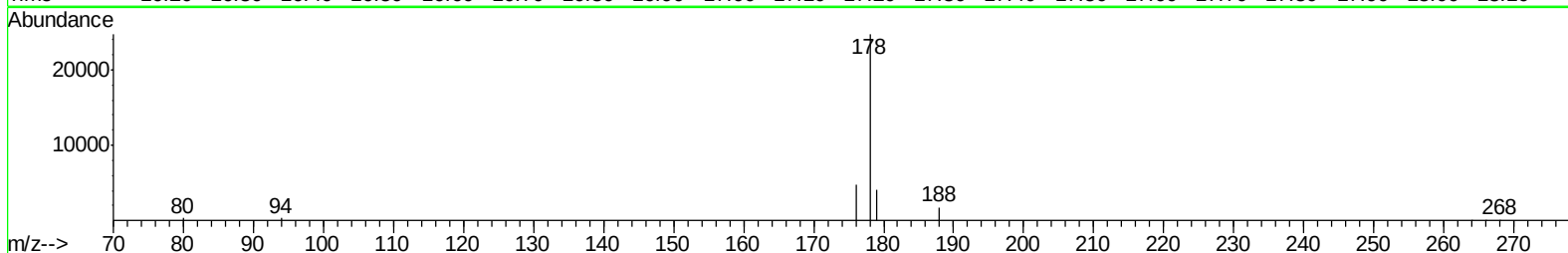
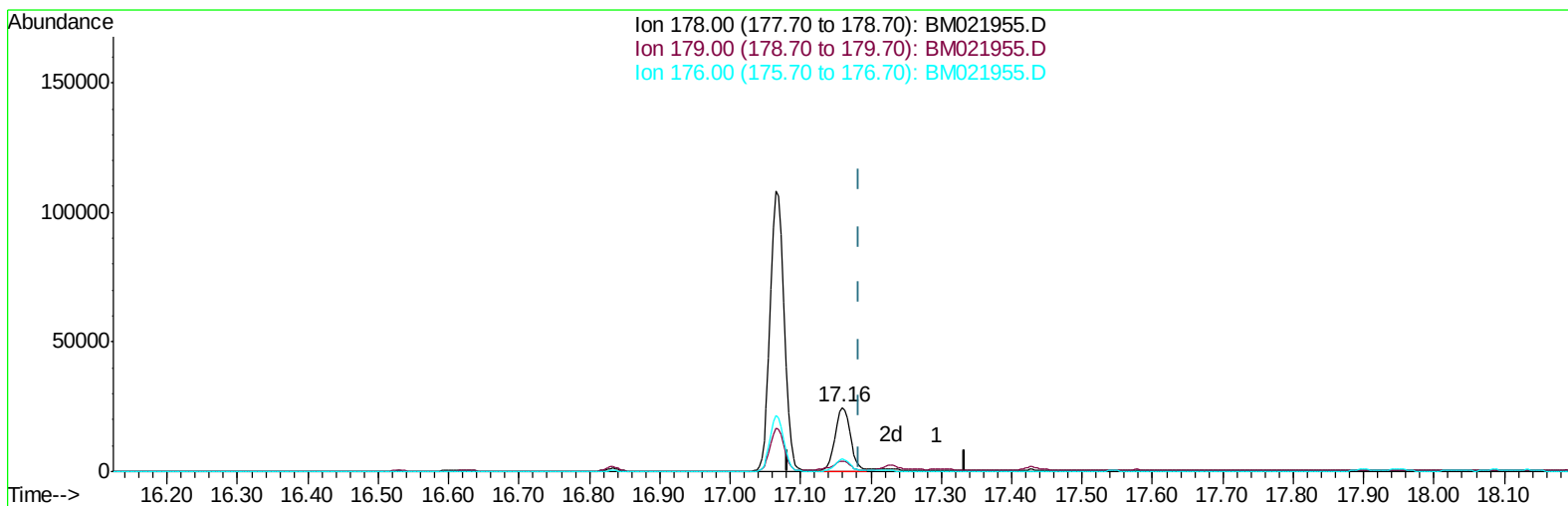
17.294min (+0.111) 0.06ng/ul

response 820

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	174.05#
176.00	20.80	39.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(13) Anthracene

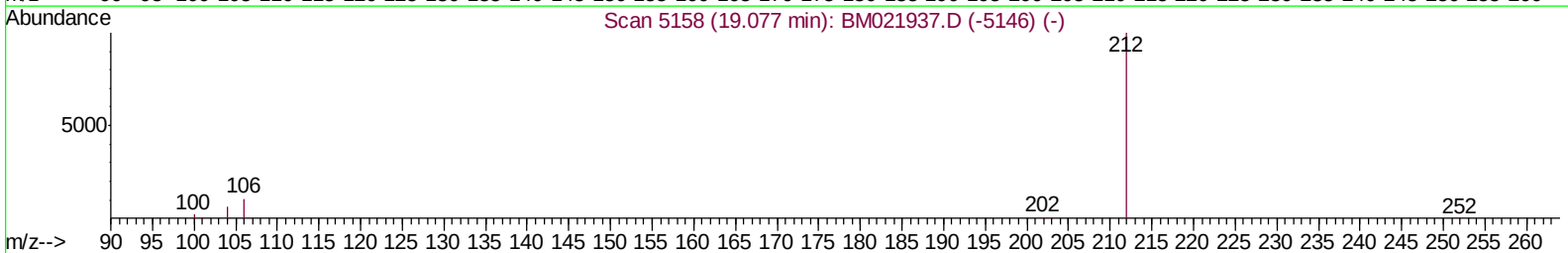
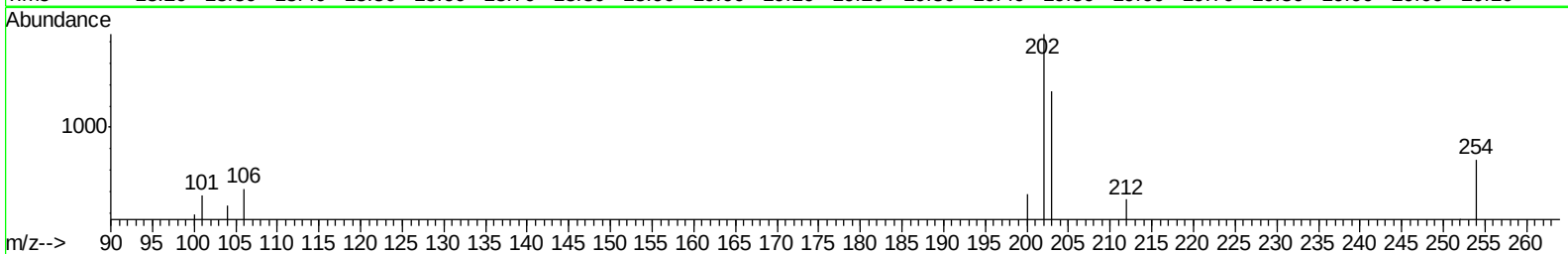
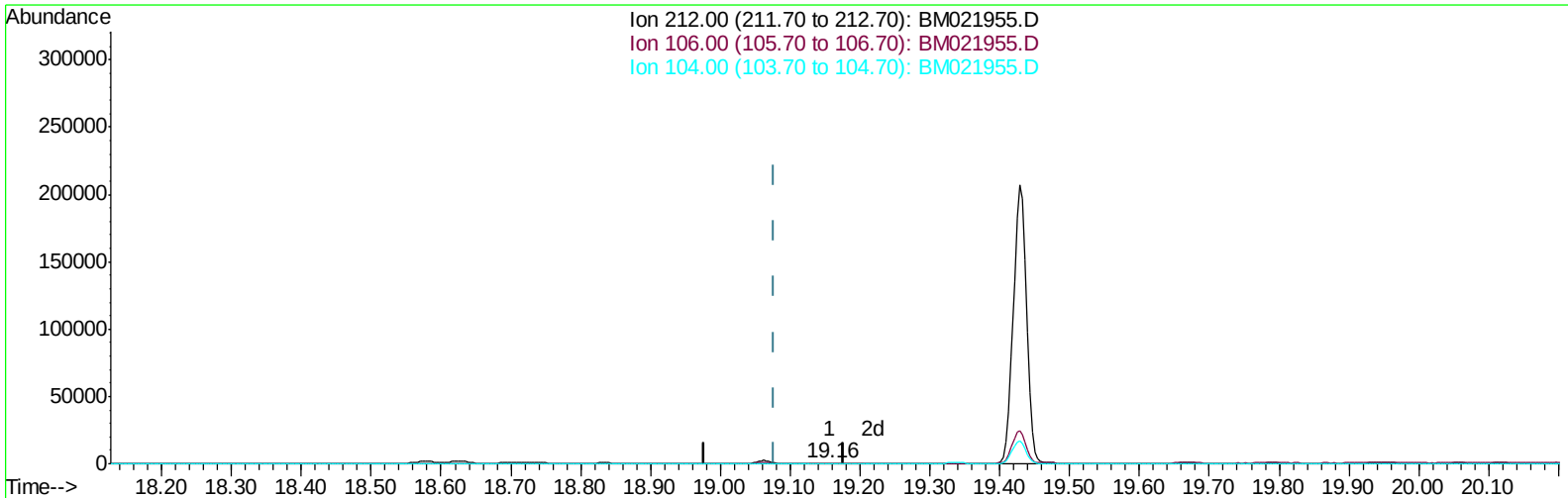
17.159min (-0.024) 2.62ng/ul m

response 36666

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.37
176.00	20.80	19.25
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(14) Fluoranthene-d10 (SURR)

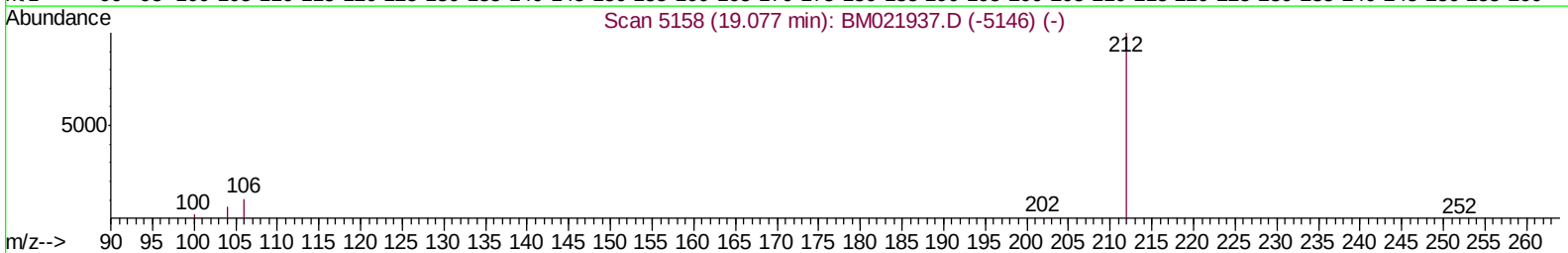
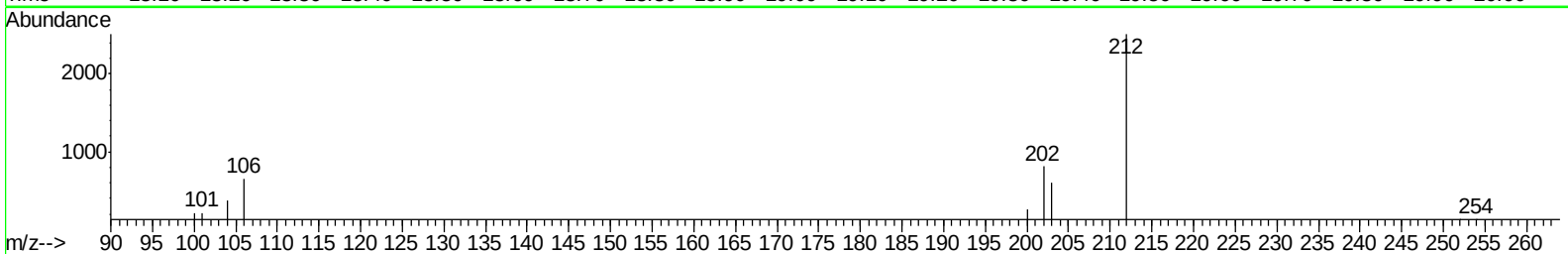
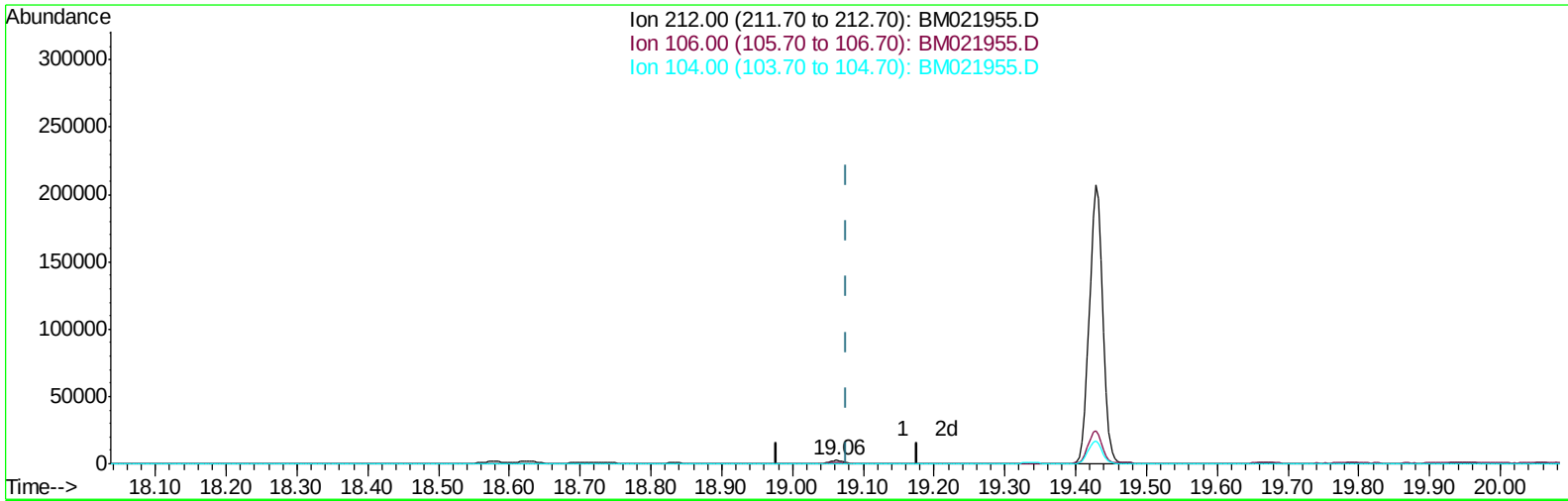
19.157min (+0.080) 0.02ng/ul

response 323

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	6.81#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(14) Fluoranthene-d10 (SURR)

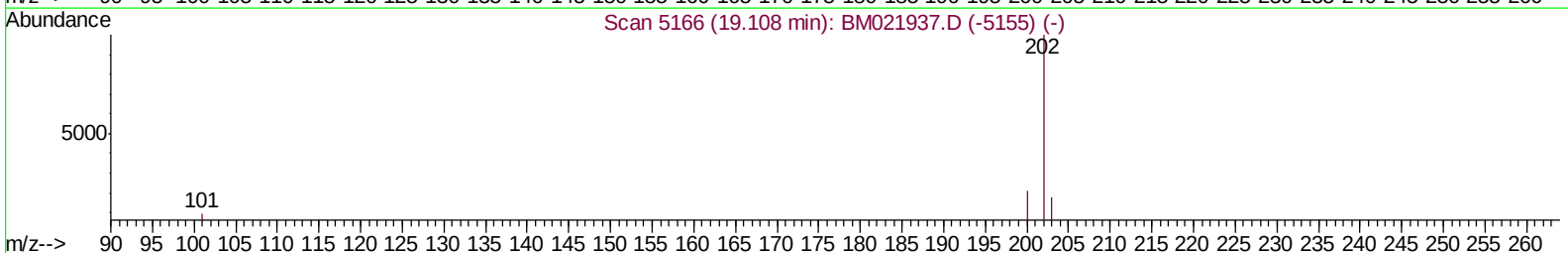
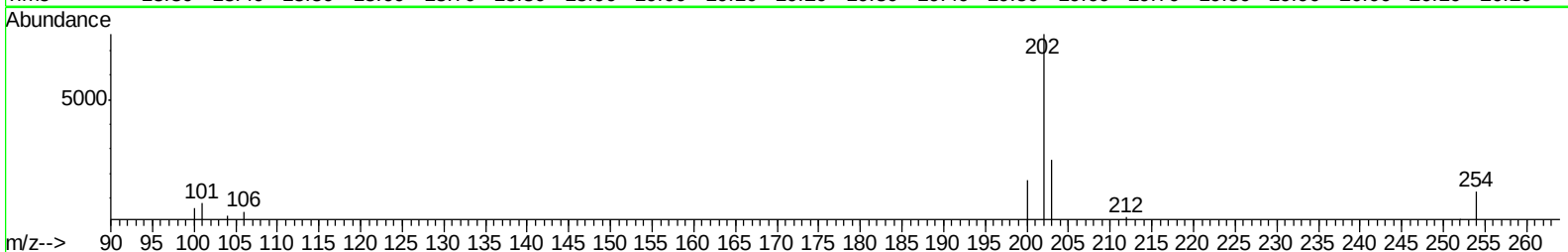
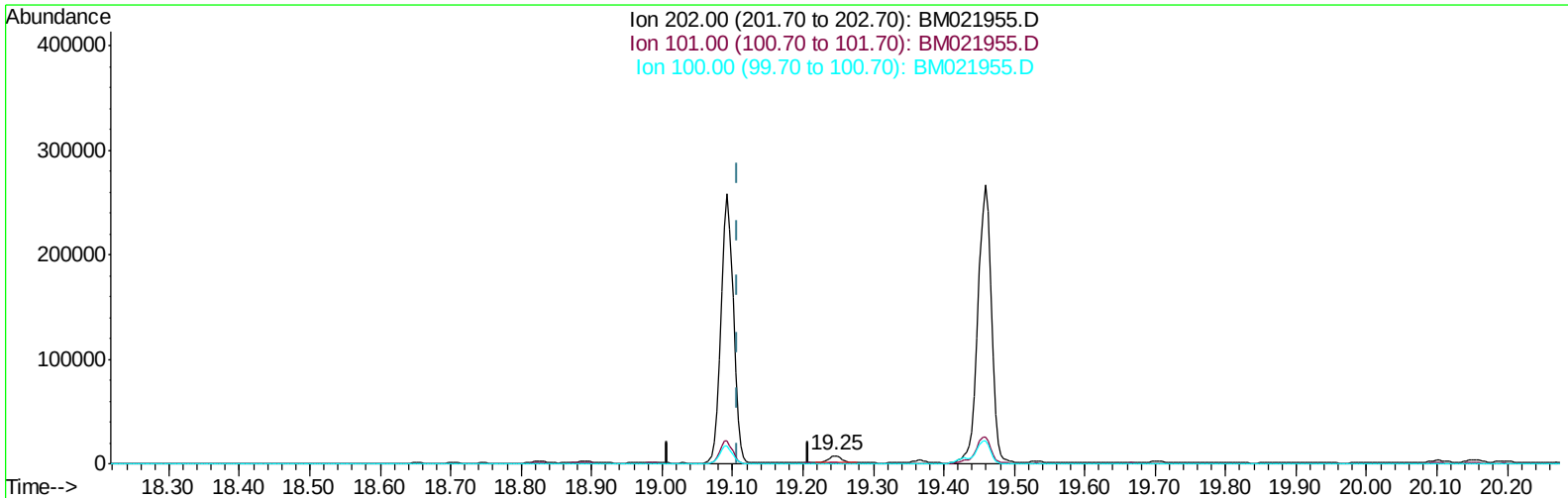
19.062min (-0.015) 0.19ng/ul m

response 3666

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.60#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(15) Fluoranthene (C)

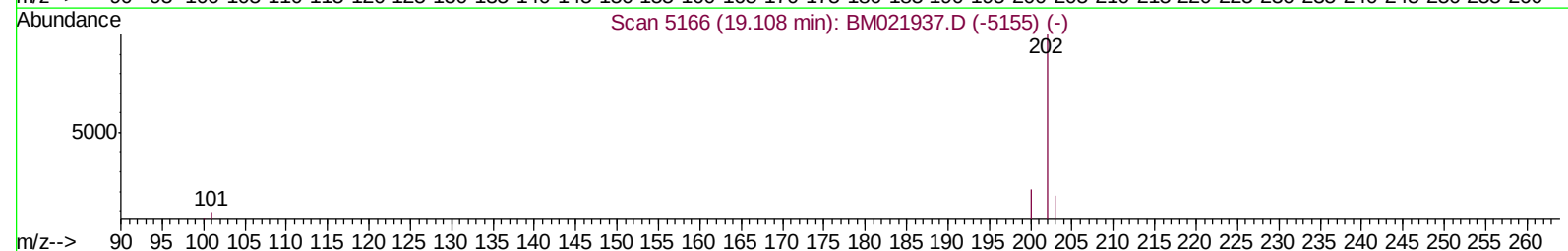
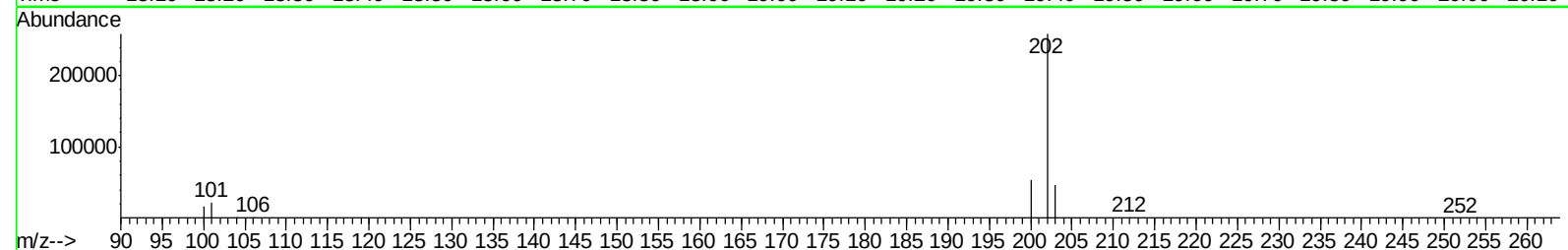
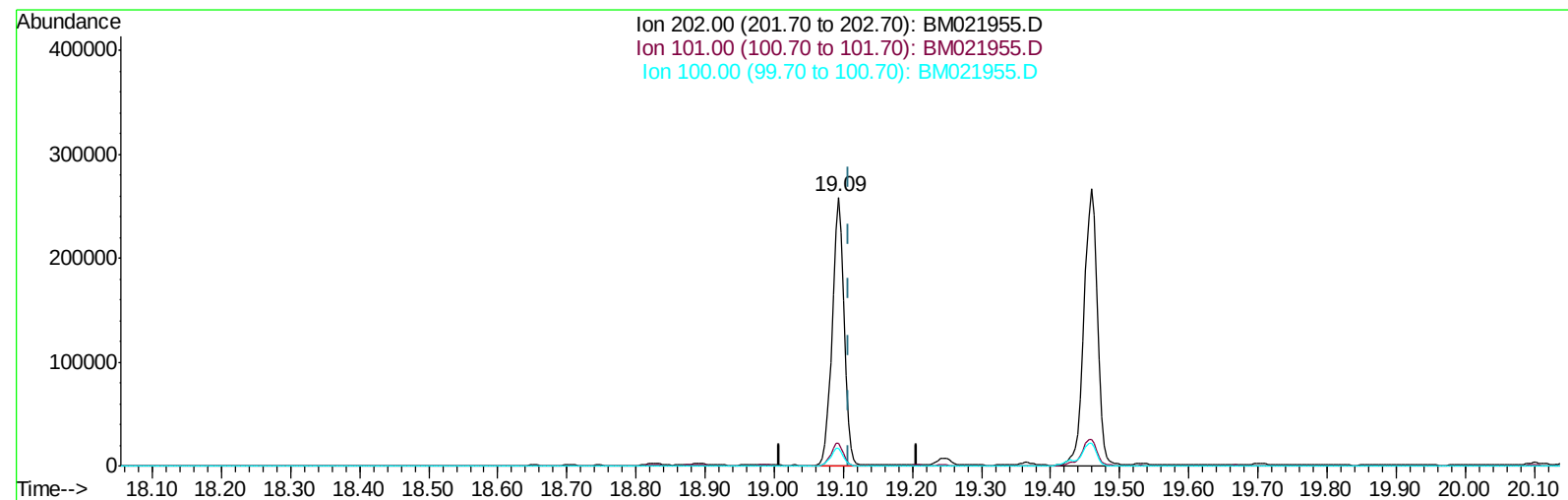
19.245min (+0.137) 0.41ng/ul

response 9042

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.46
100.00	8.10	8.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(15) Fluoranthene (C)

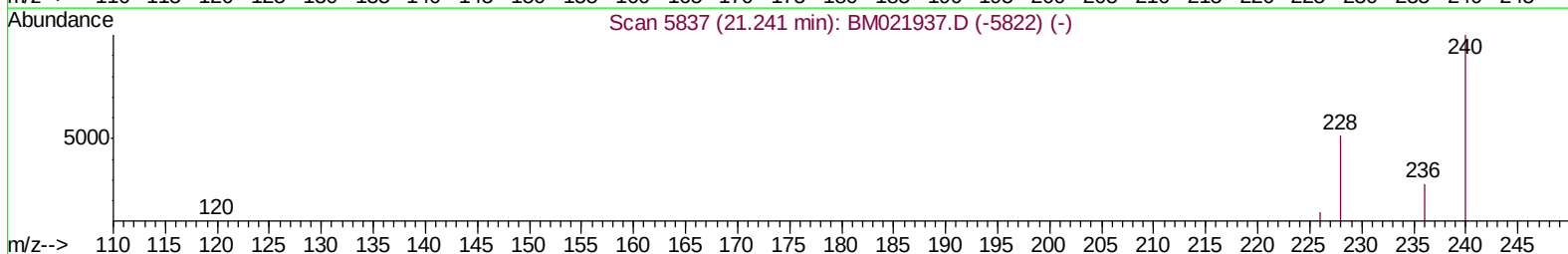
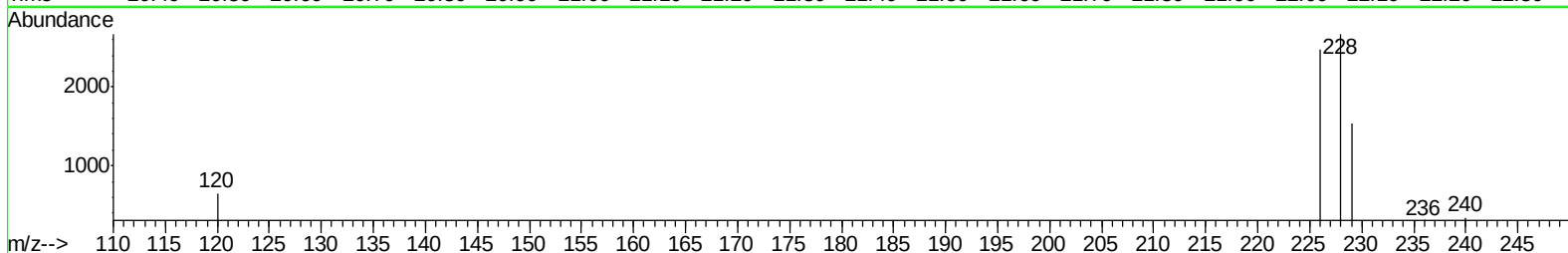
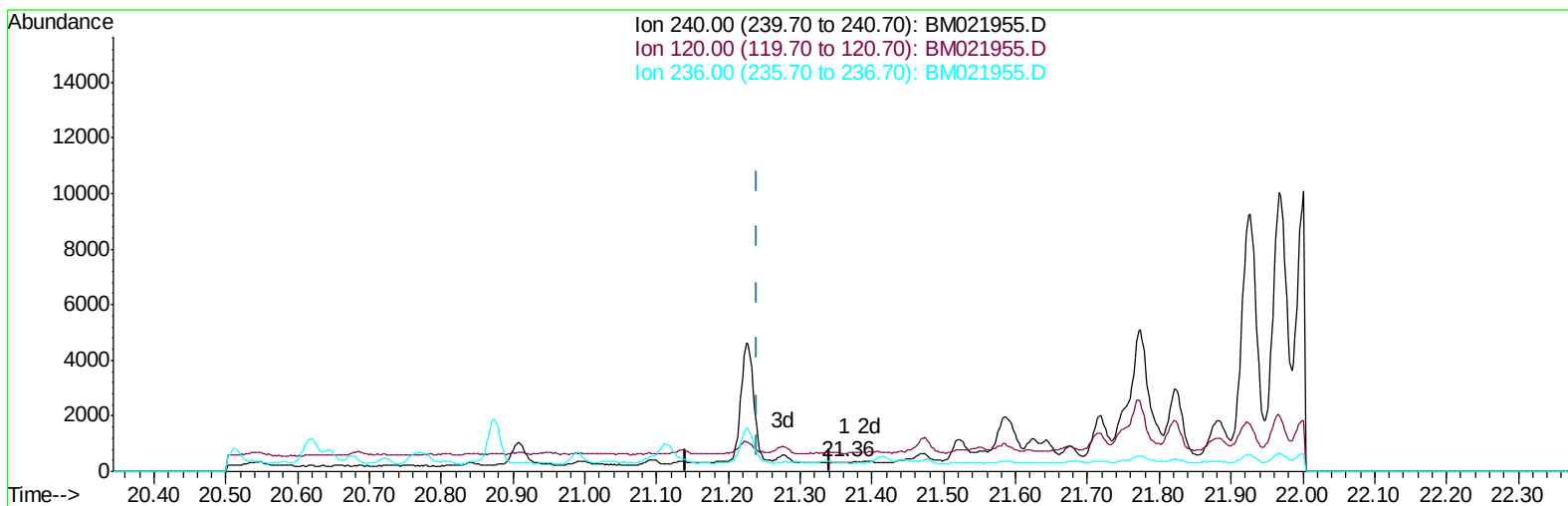
19.093min (-0.015) 14.33ng/ul m

response 314427

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.41
100.00	8.10	6.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(16) Chrysene-d12 (I)

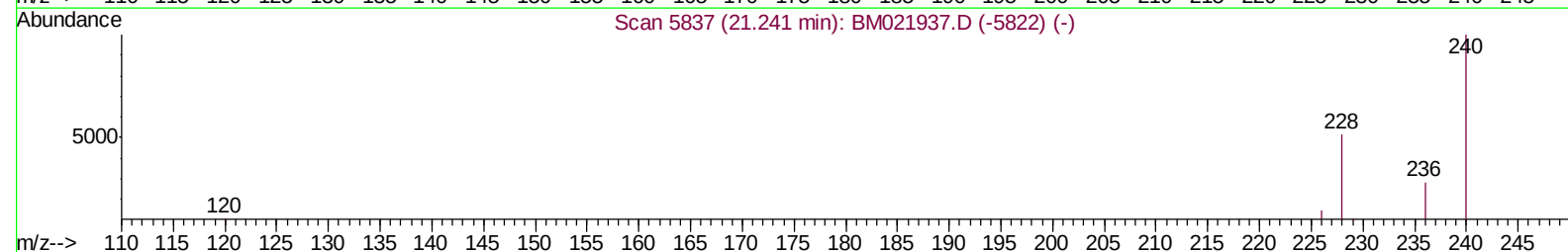
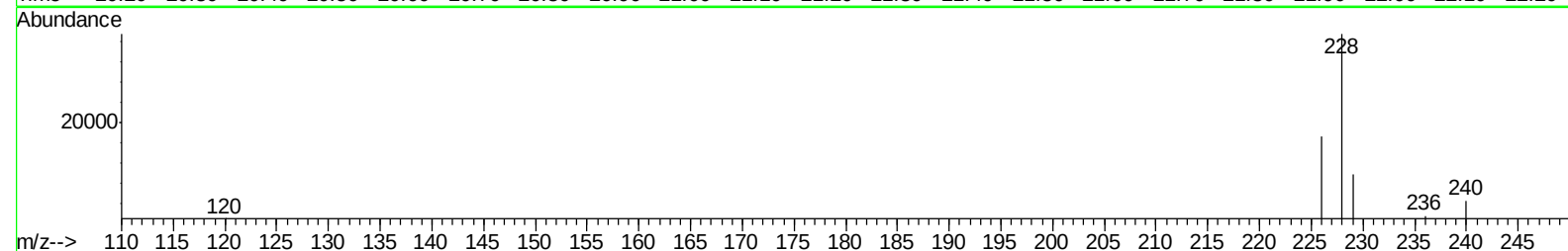
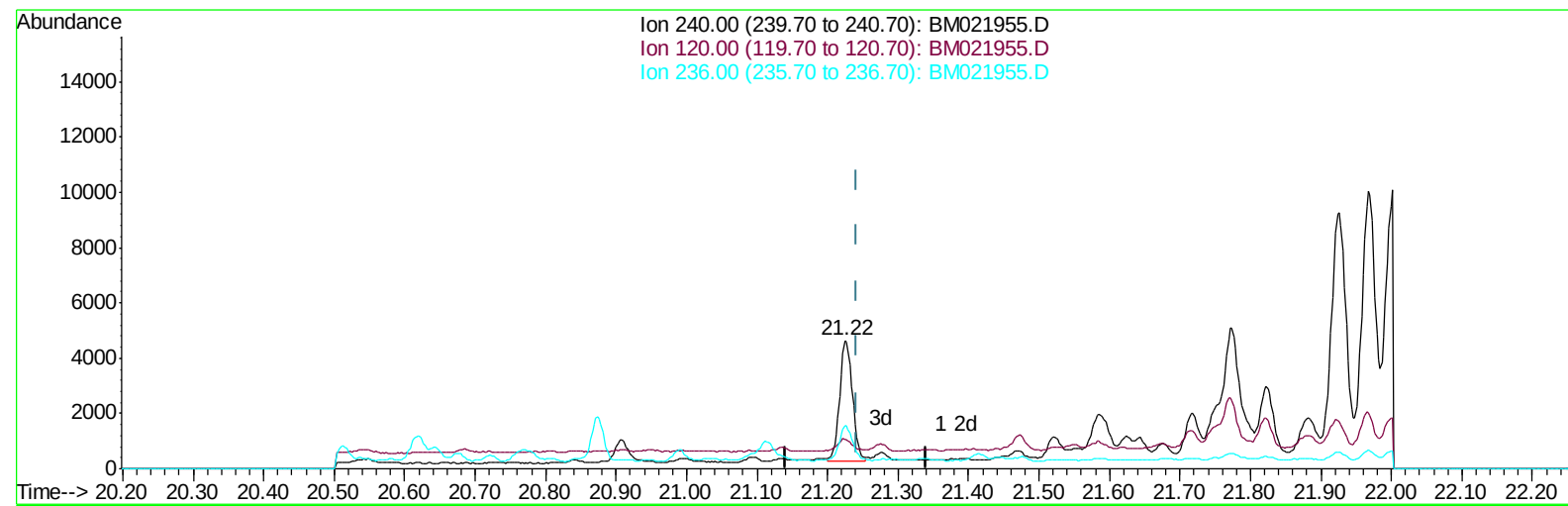
21.362min (+0.121) 0.40ng/ul

response 36

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	189.21#
236.00	32.30	89.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(16) Chrysene-d12 (I)

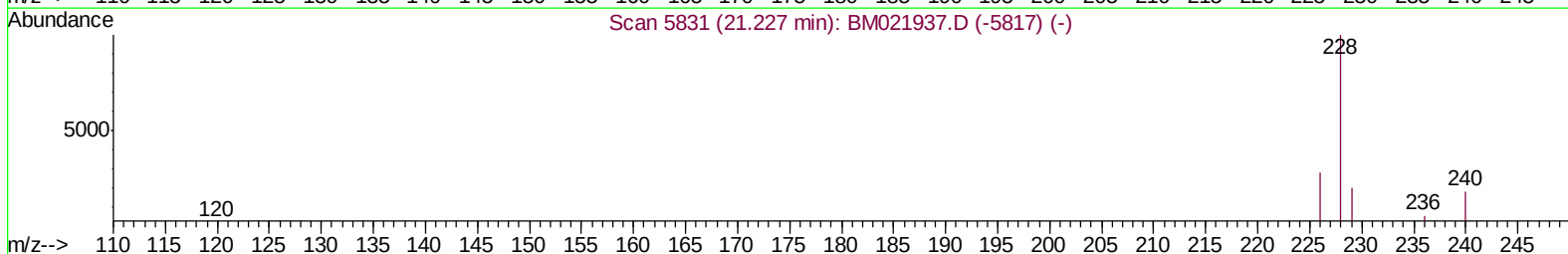
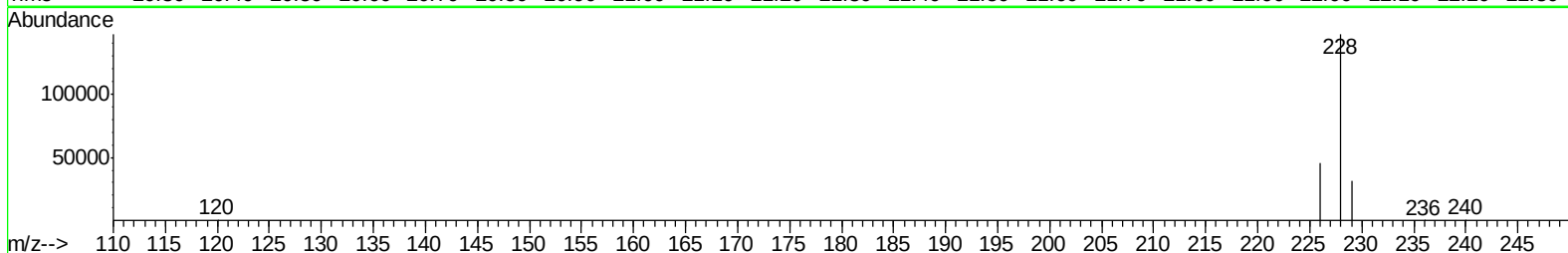
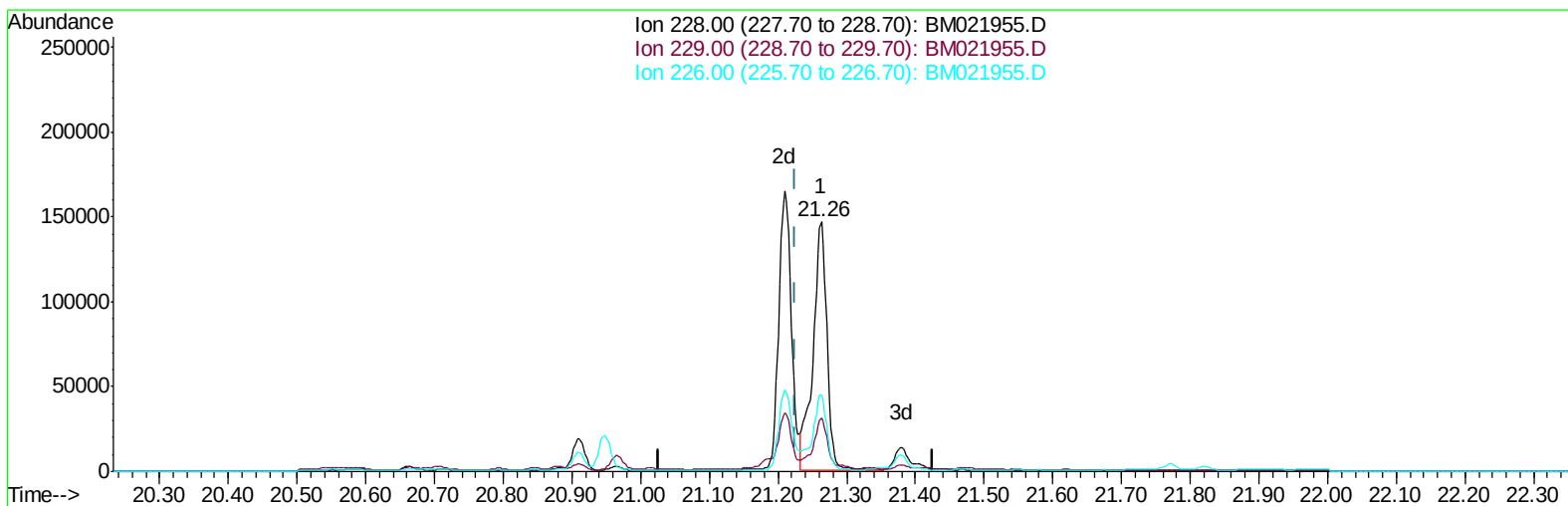
21.224min (-0.017) 0.40ng/ul m

response 5440

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	22.74#
236.00	32.30	33.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:13:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(18) Benzo(a)anthracene

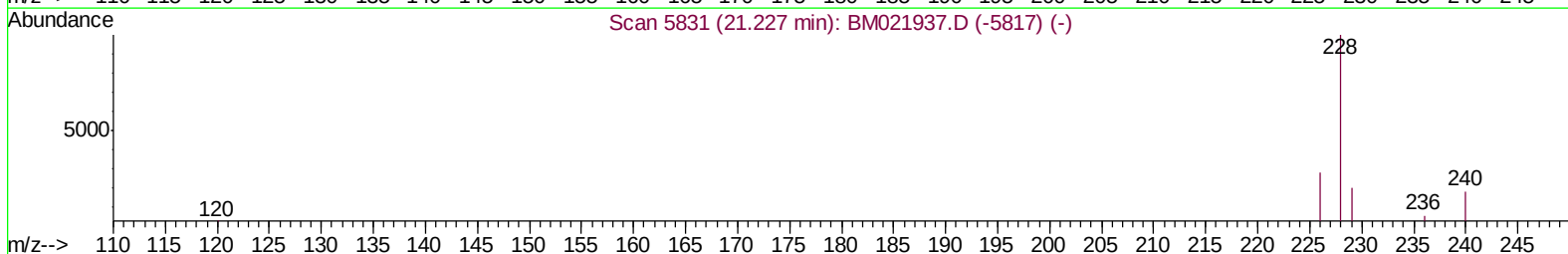
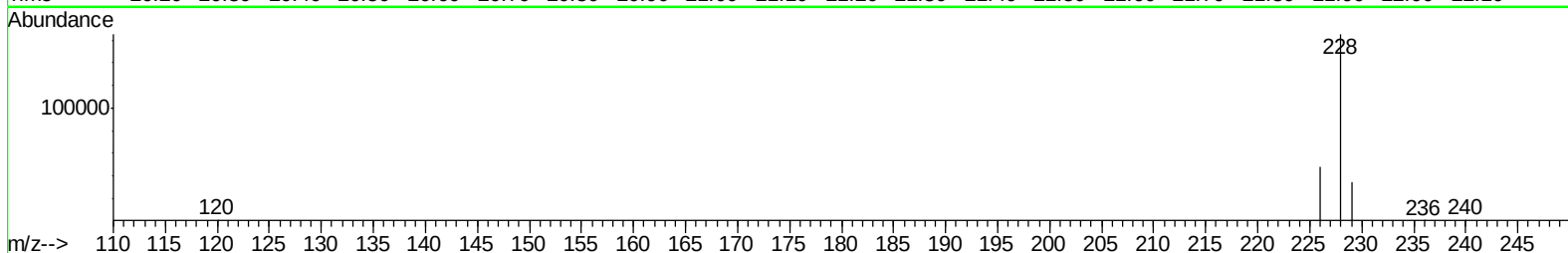
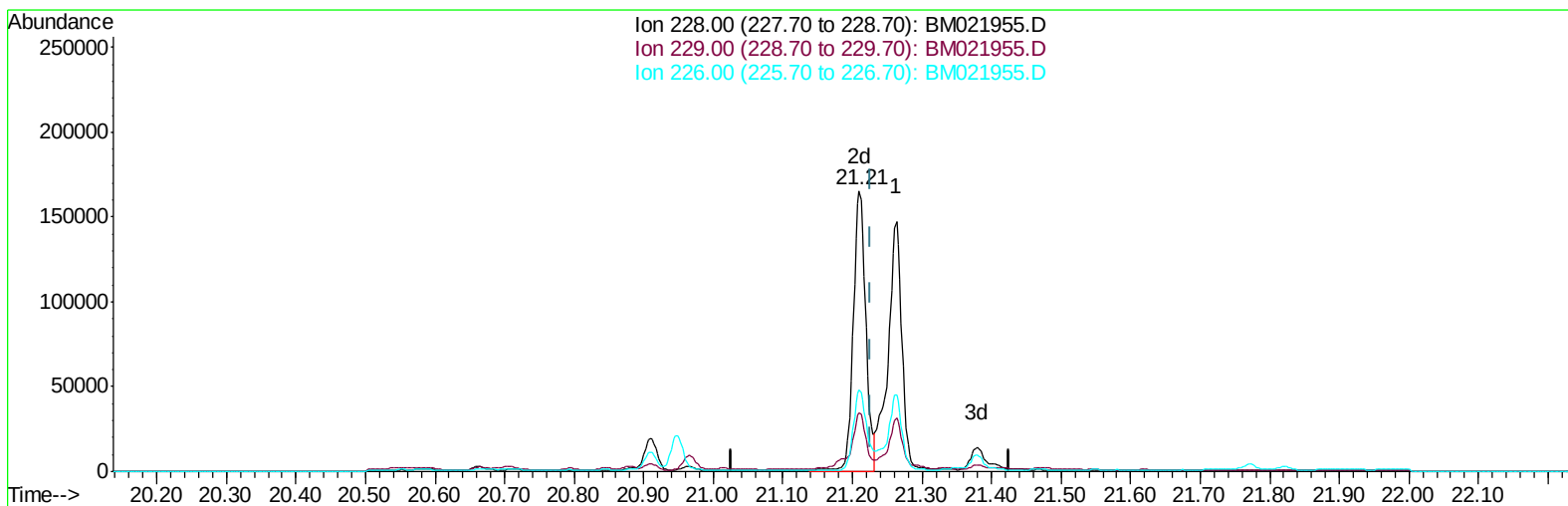
21.263min (+0.036) 10.55ng/ul

response 205281

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.57
226.00	28.30	30.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:13:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(18) Benzo(a)anthracene

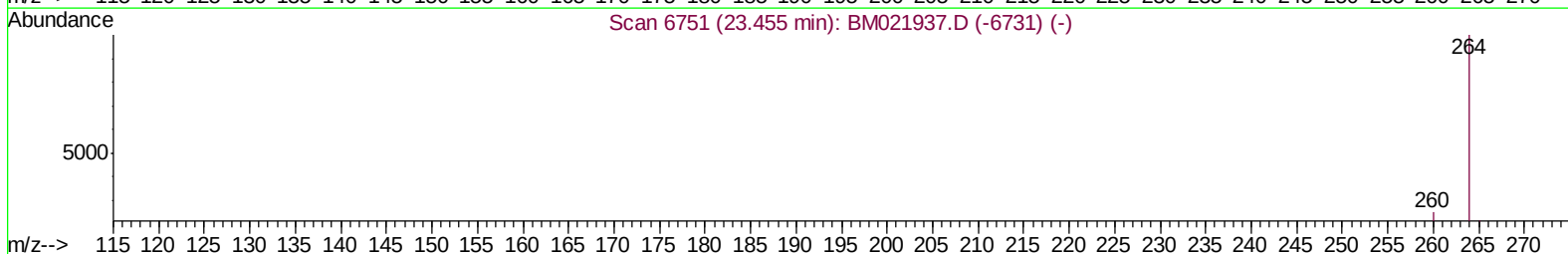
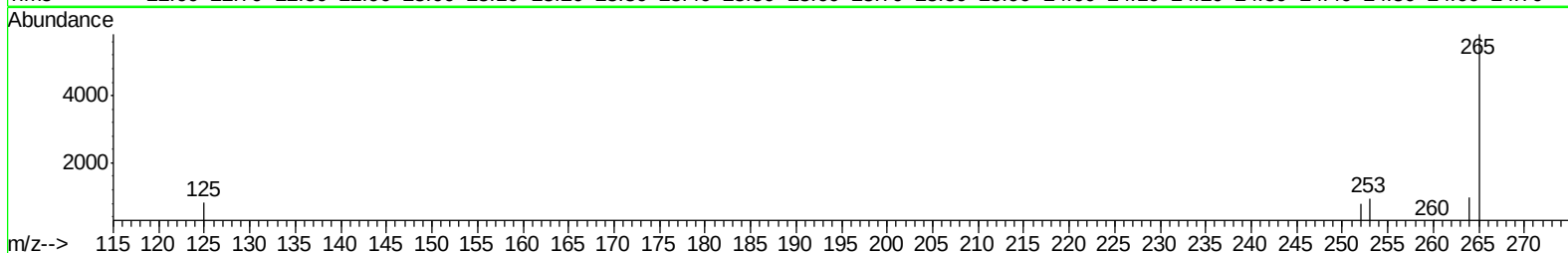
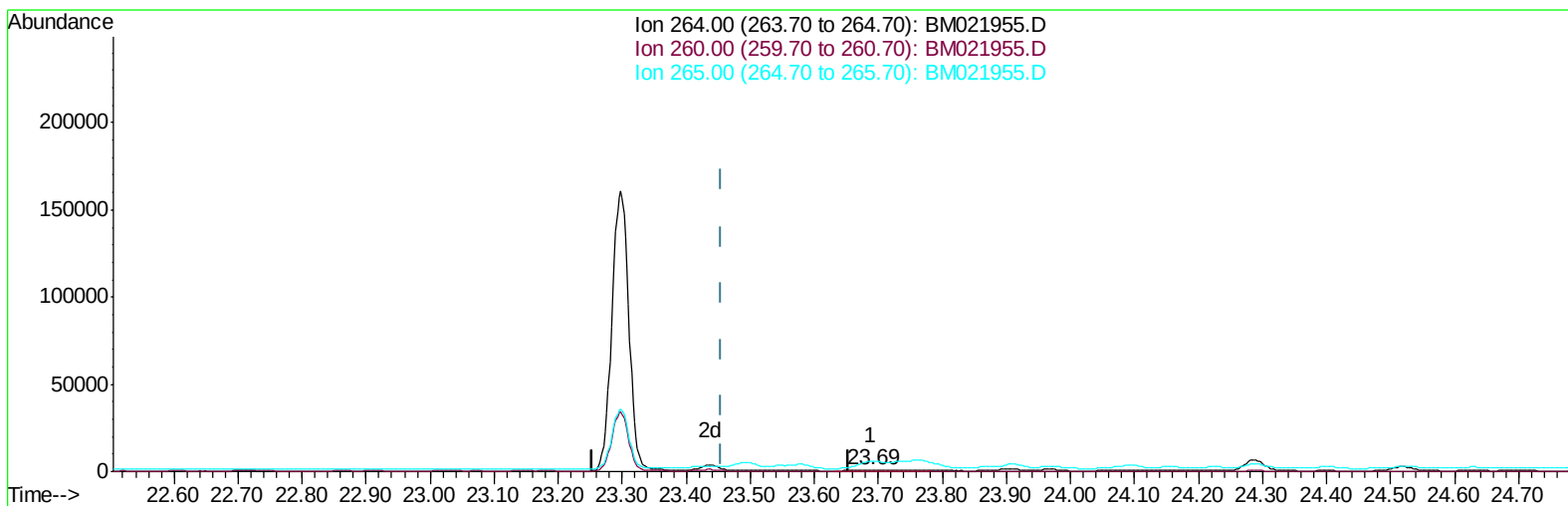
21.210min (-0.017) 10.92ng/ul m

response 212507

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.85
226.00	28.30	28.96
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:13:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(20) Perylene-d12 (I)

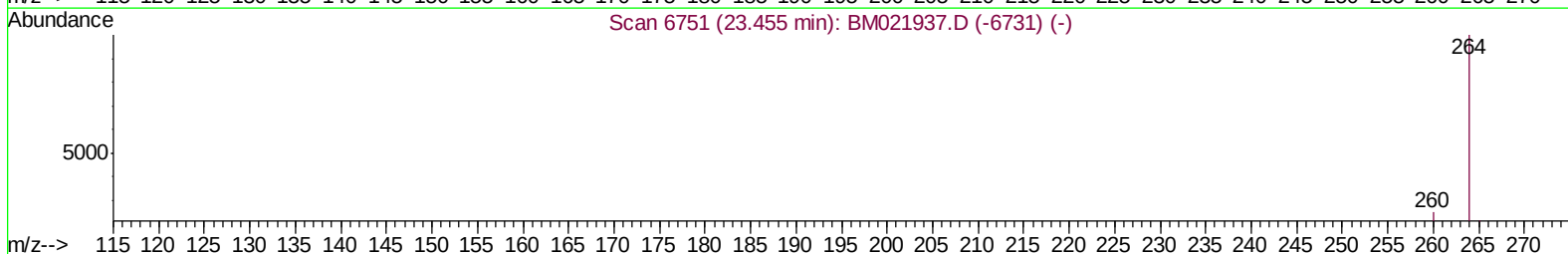
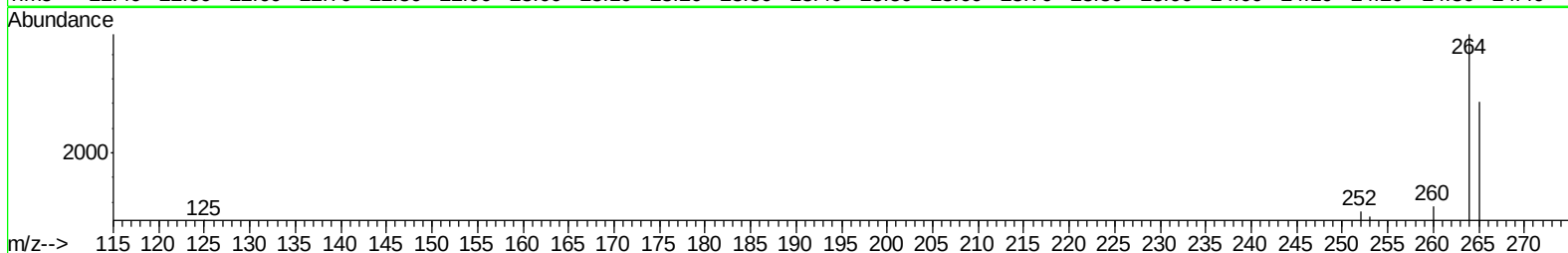
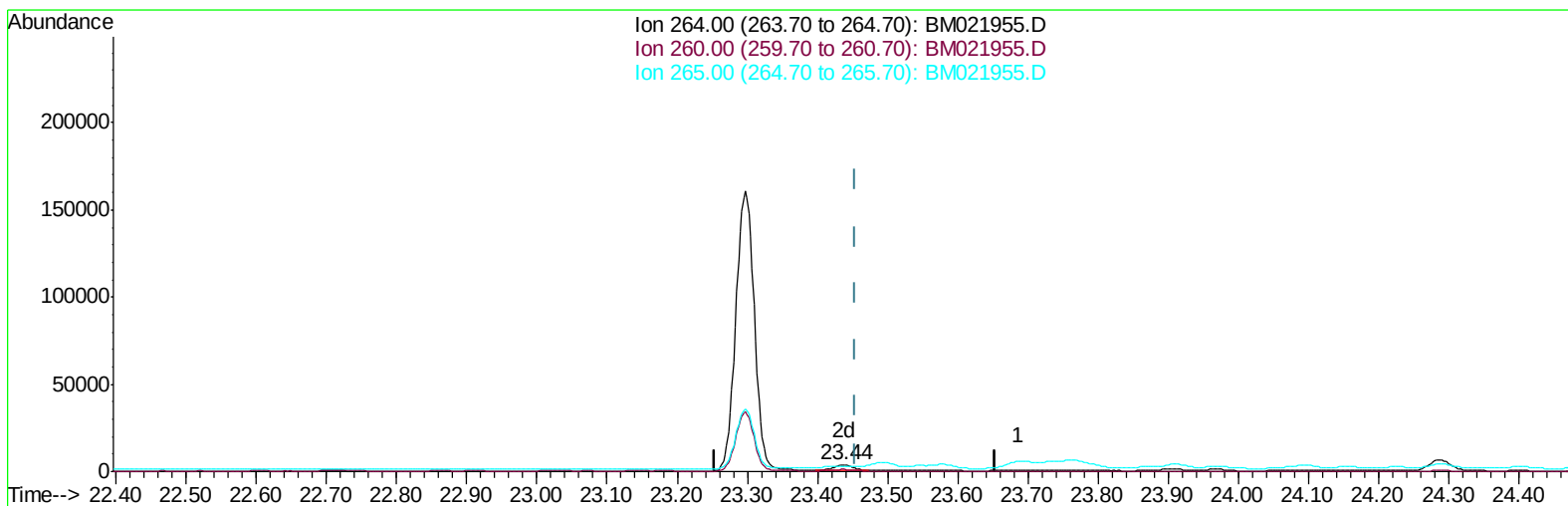
23.688min (+0.233) 0.40ng/ul

response 3520

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	29.72
265.00	117.00	601.03#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:13:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(20) Perylene-d12 (I)

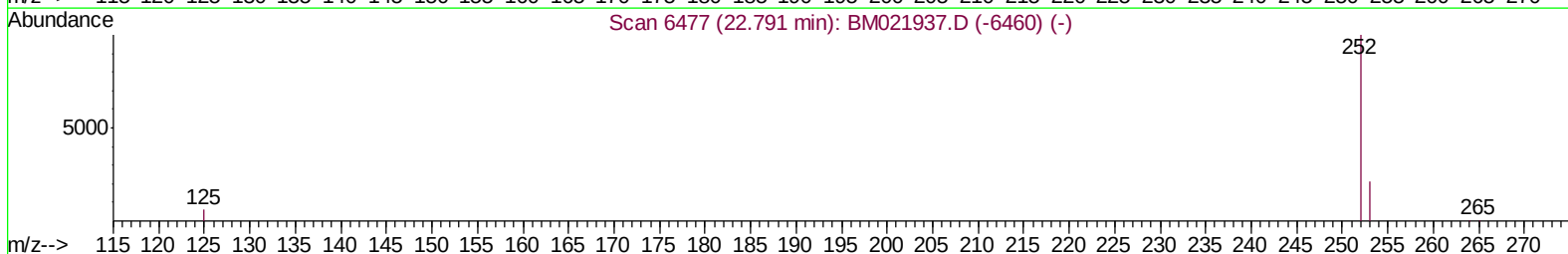
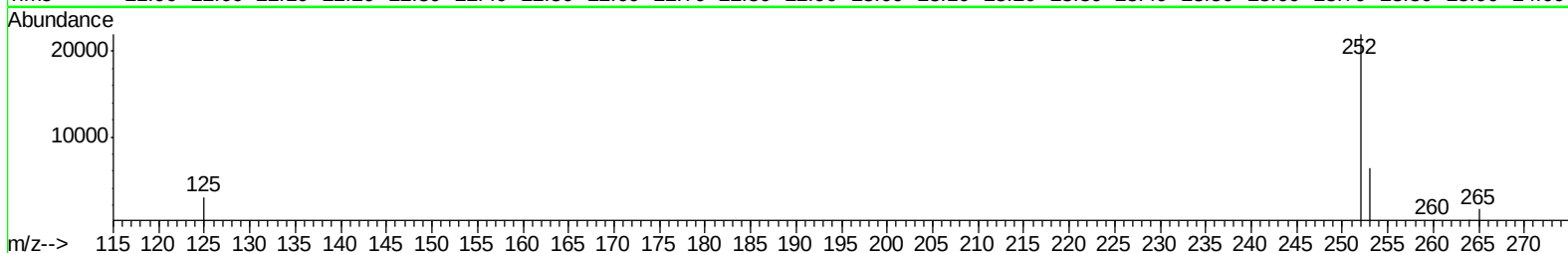
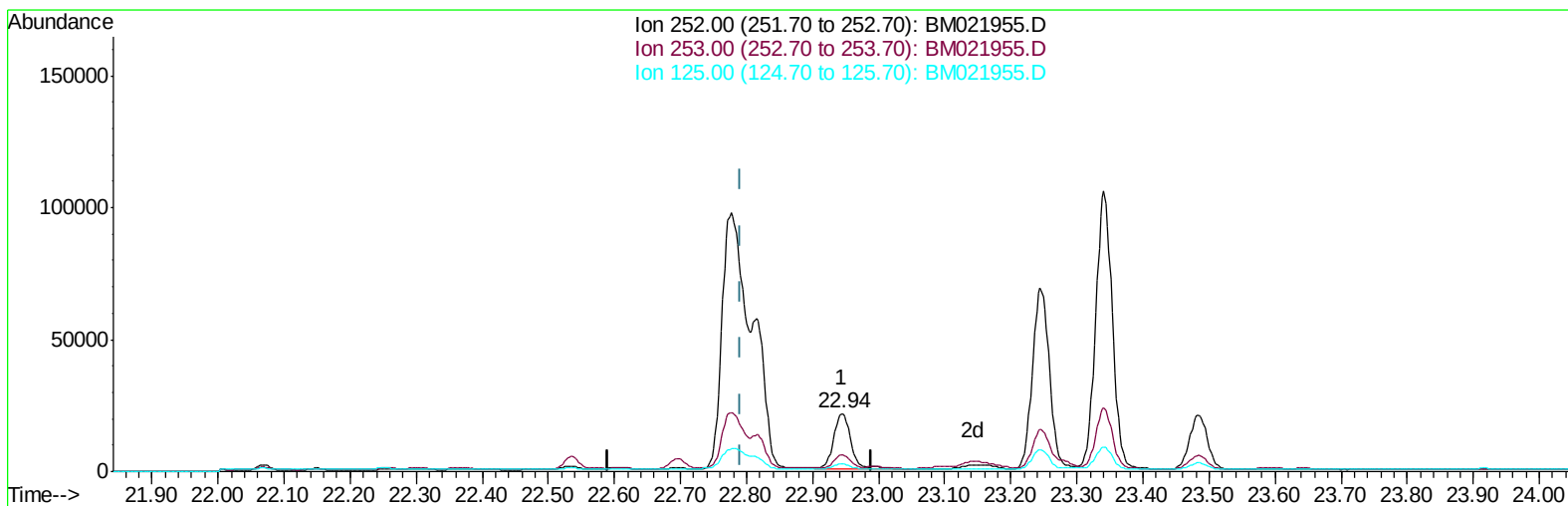
23.438min (-0.017) 0.40ng/ul m

response 5757

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.75
265.00	117.00	72.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(21) Benzo(b)fluoranthene

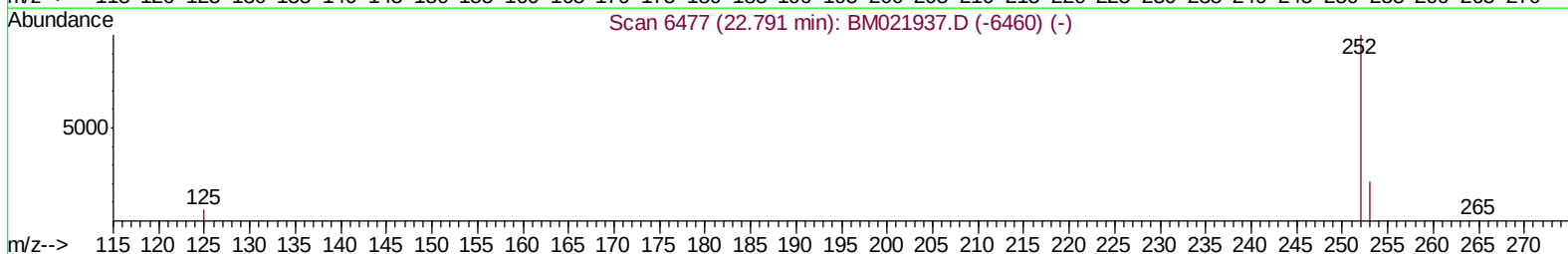
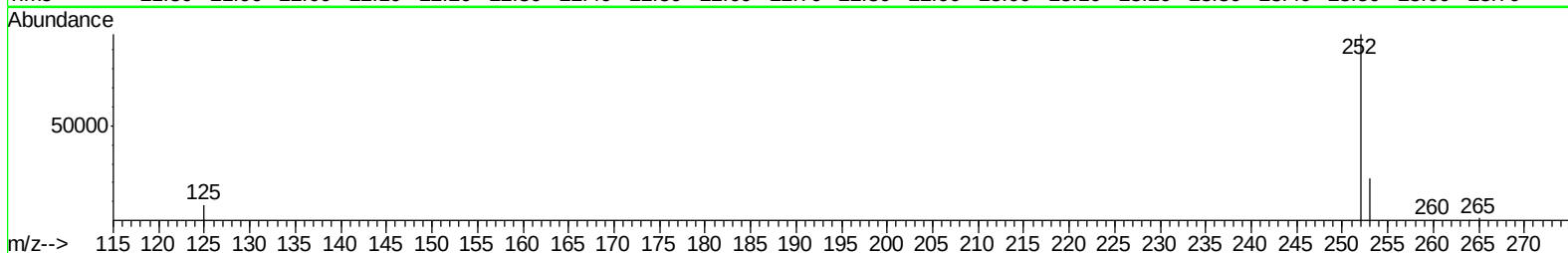
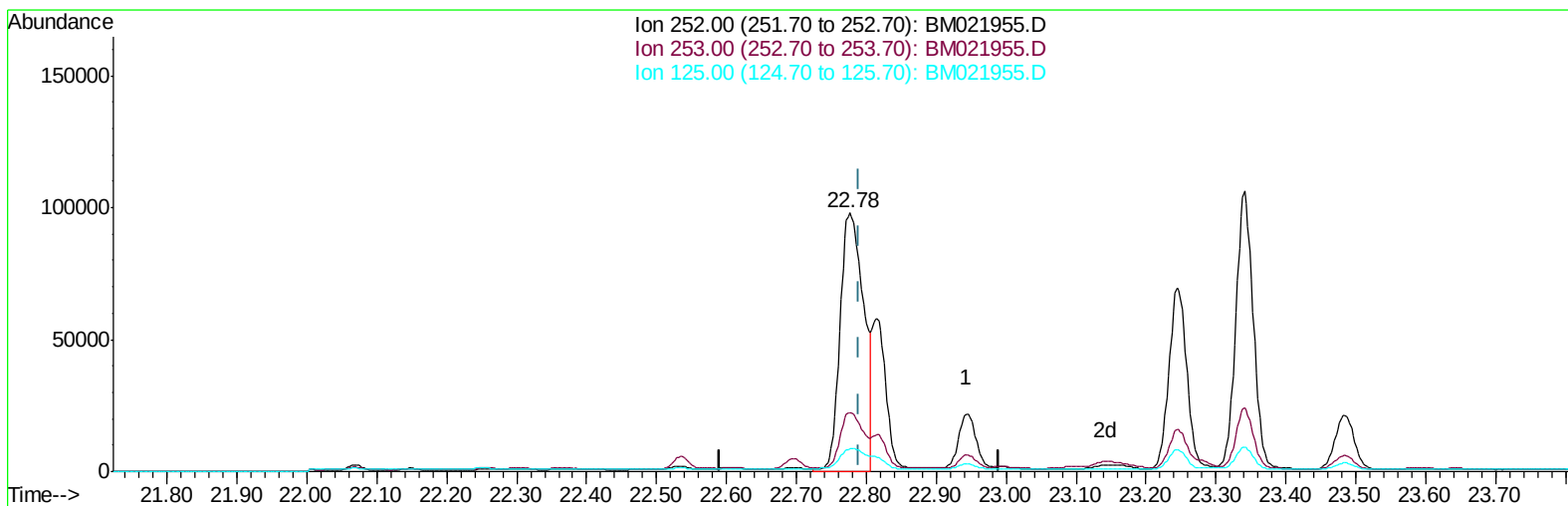
22.944min (+0.153) 1.96ng/ul

response 38122

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.59
125.00	15.50	13.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(21) Benzo(b)fluoranthene

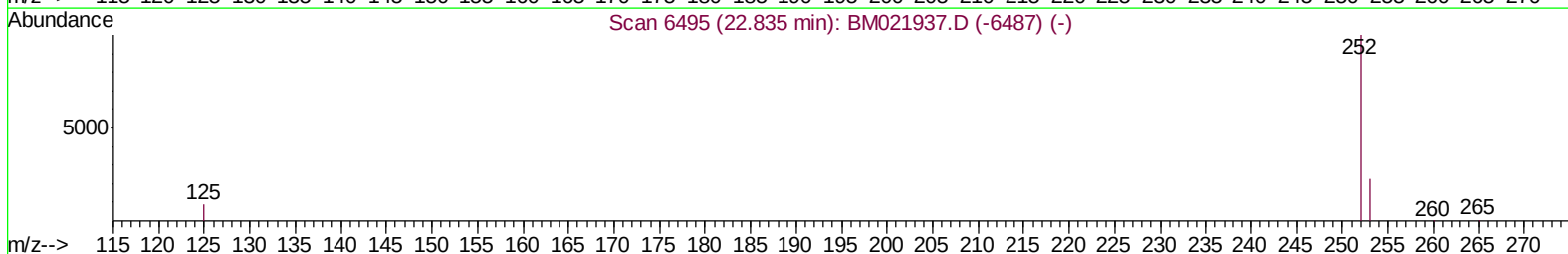
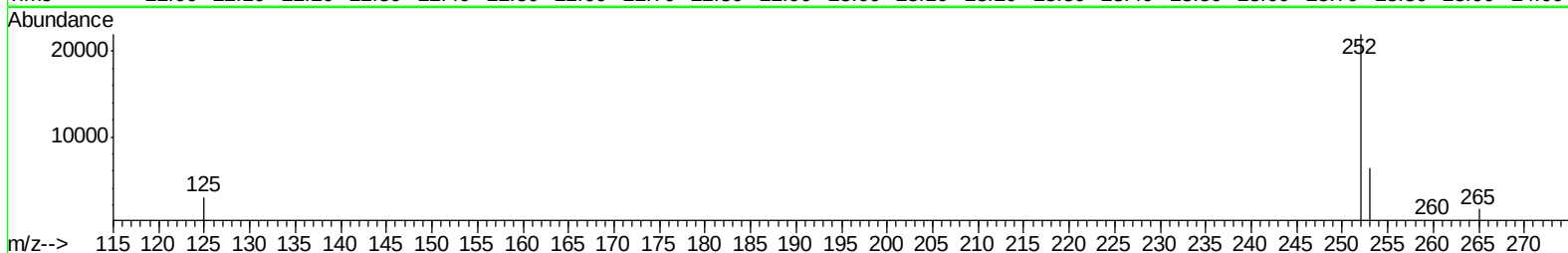
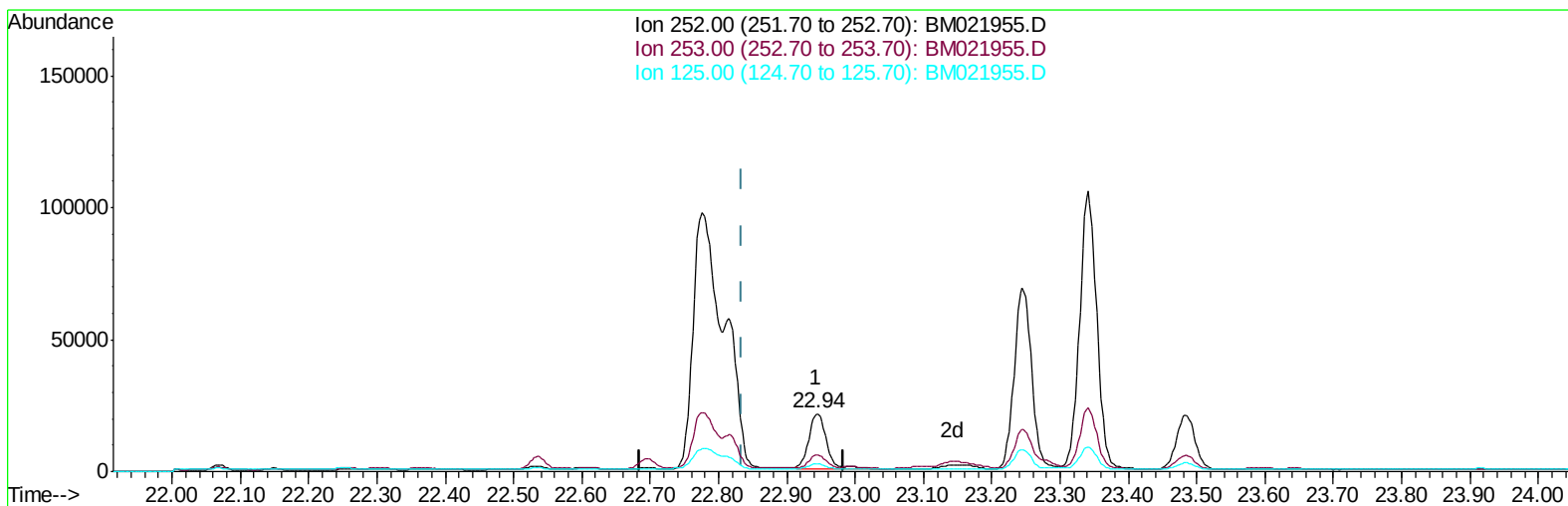
22.777min (-0.014) 11.82ng/ul m

response 229553

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.88
125.00	15.50	8.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(22) Benzo(k)fluoranthene

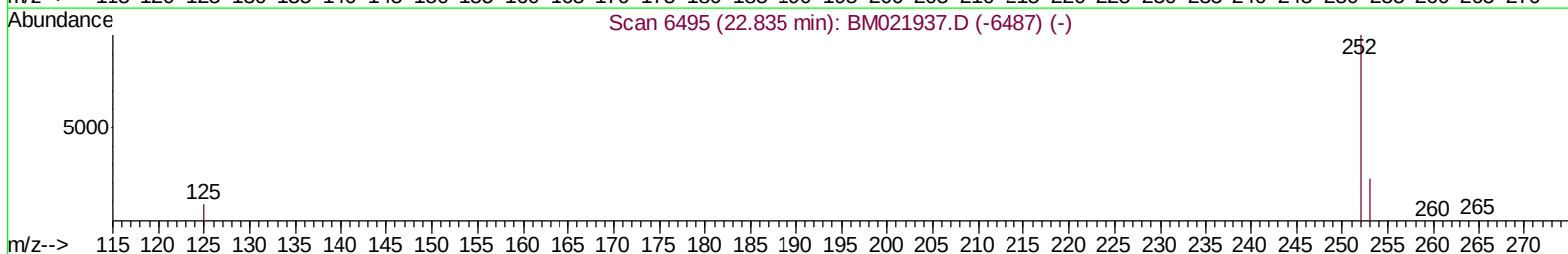
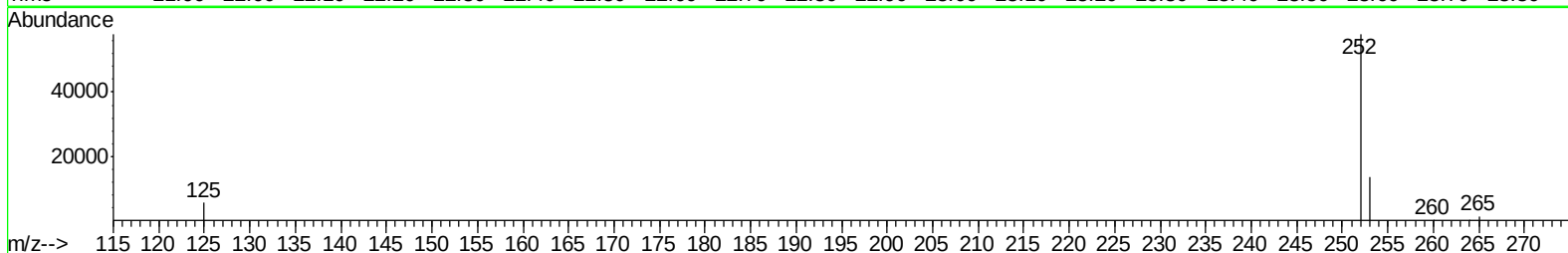
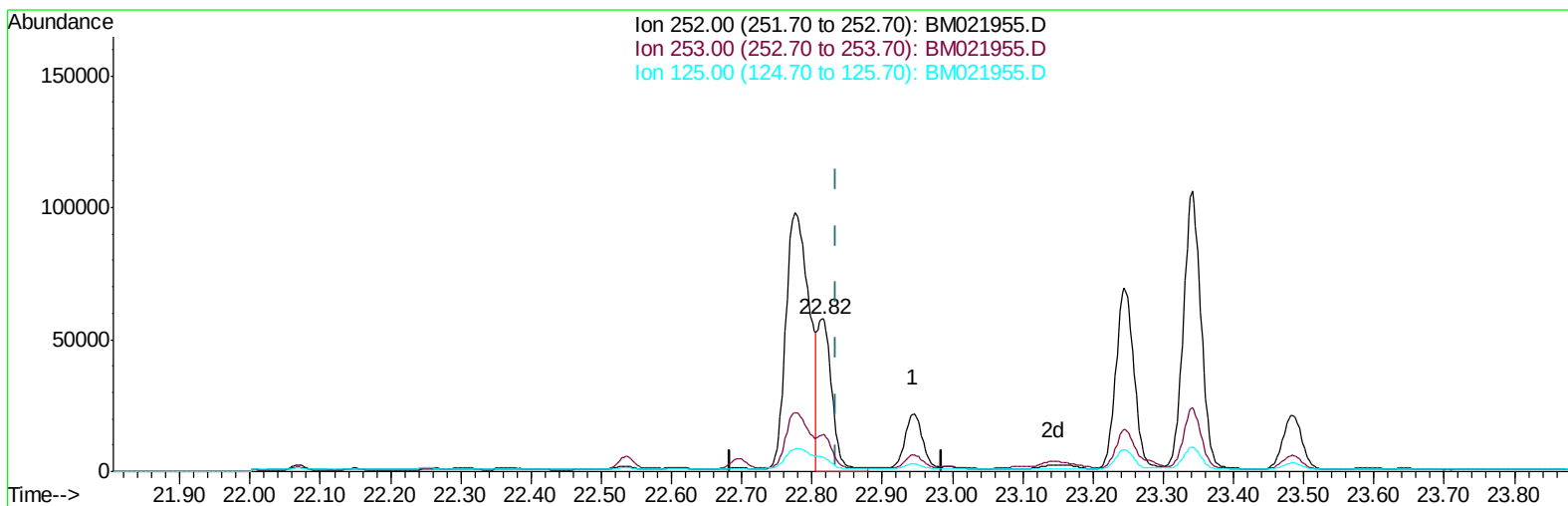
22.944min (+0.109) 1.72ng/ul

response 37749

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.59
125.00	15.20	13.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(22) Benzo(k)fluoranthene

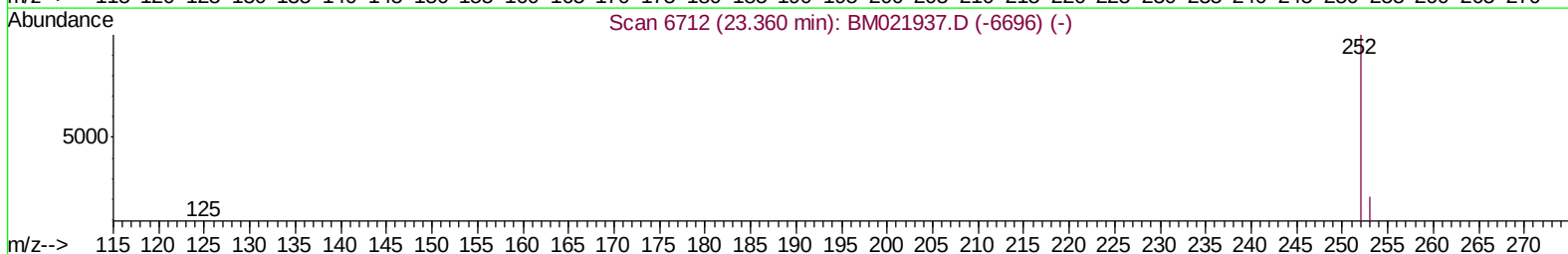
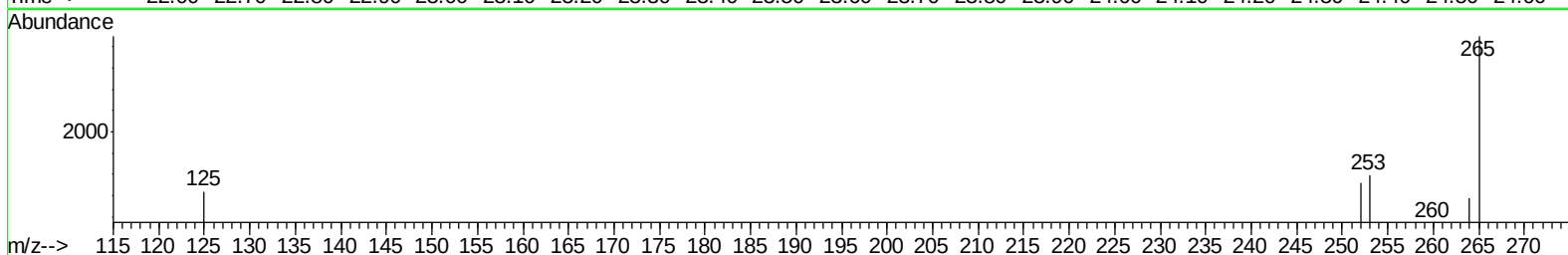
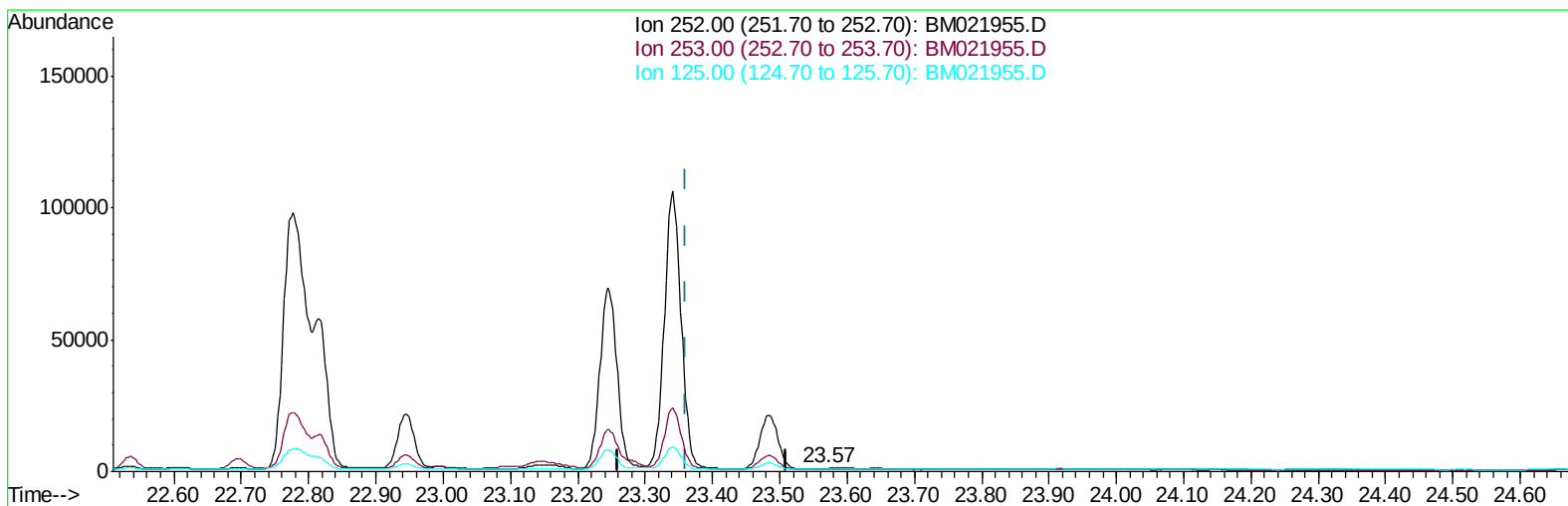
22.815min (-0.019) 3.78ng/ul m

response 82979

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.89#
125.00	15.20	9.61#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(23) Benzo(a)pyrene (C)

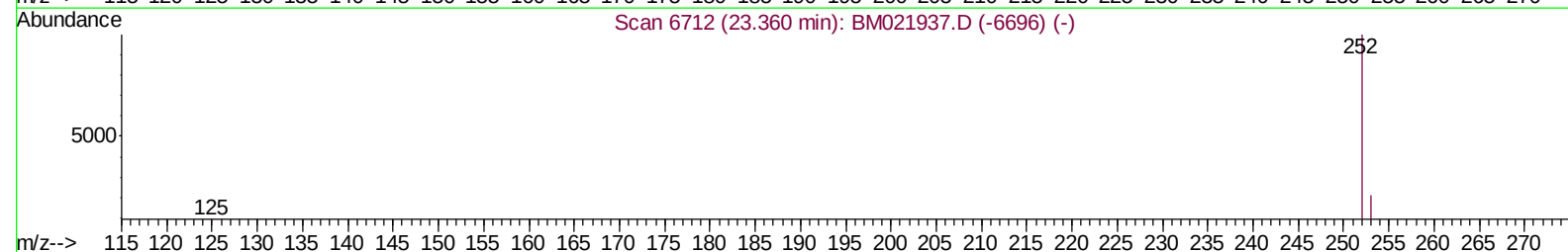
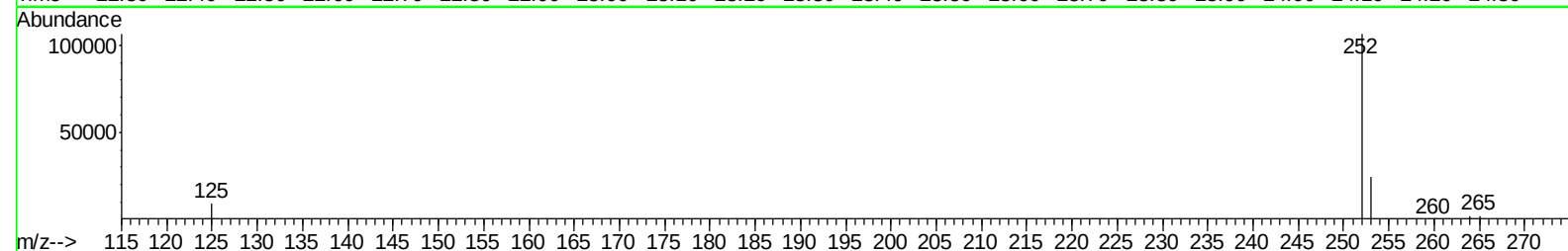
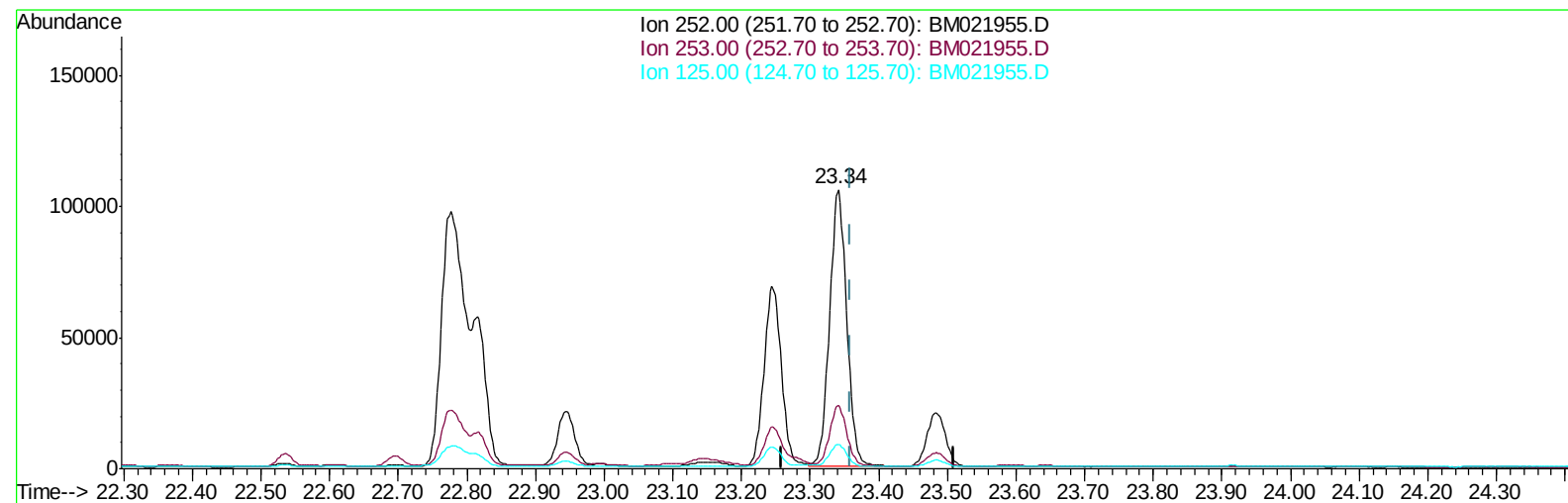
23.569min (+0.209) 0.04ng/ul

response 882

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	113.31#
125.00	18.20	84.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(23) Benzo(a)pyrene (C)

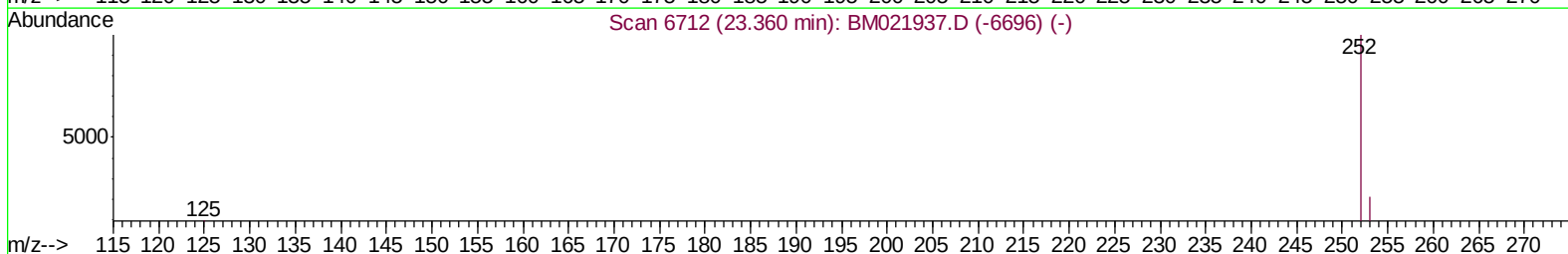
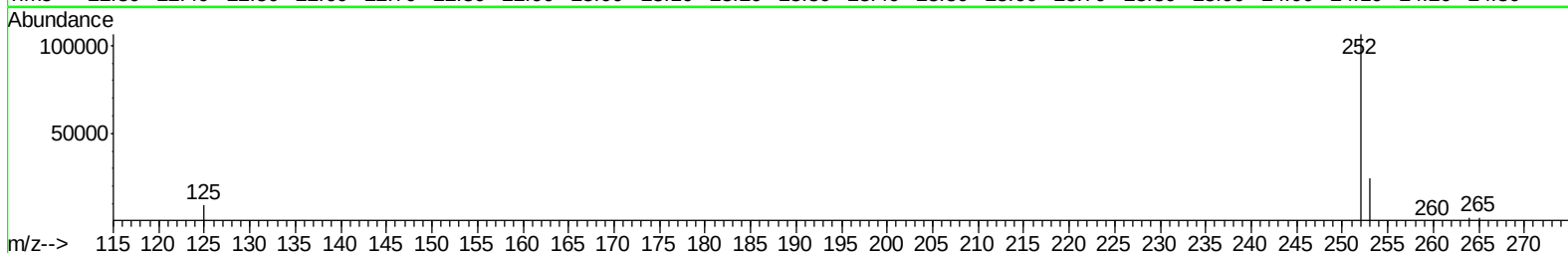
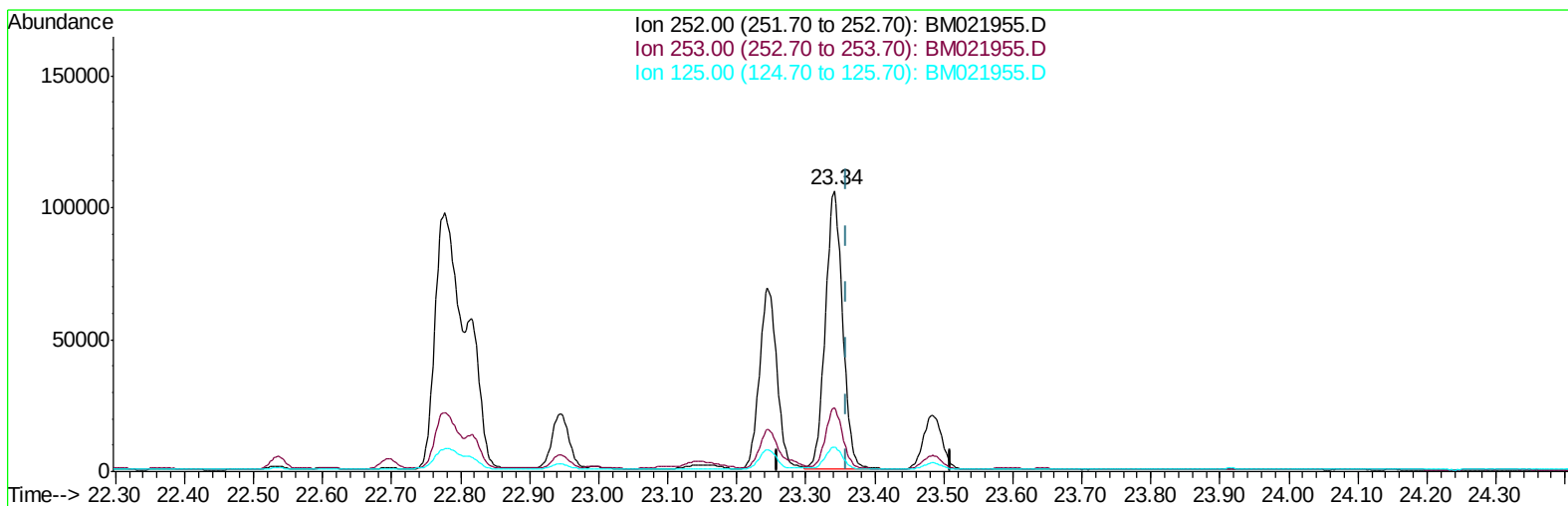
23.341min (-0.019) 9.23ng/ul m

response 182280

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	22.85#
125.00	18.20	8.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(23) Benzo(a)pyrene (C)

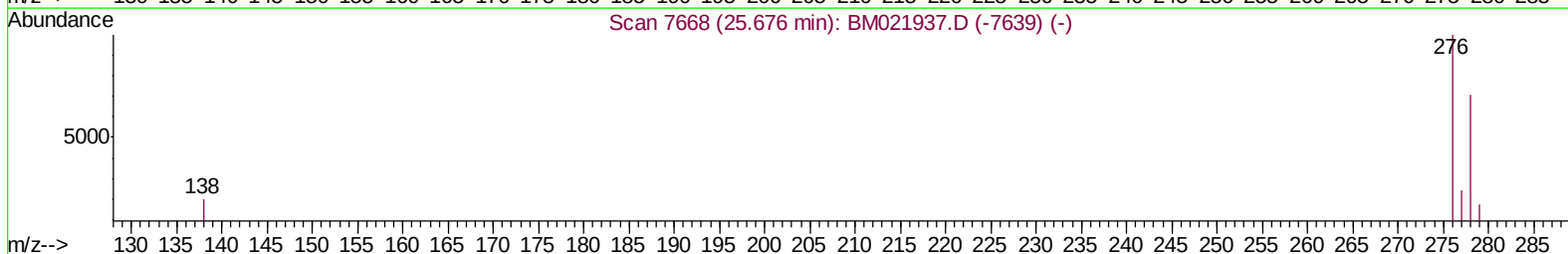
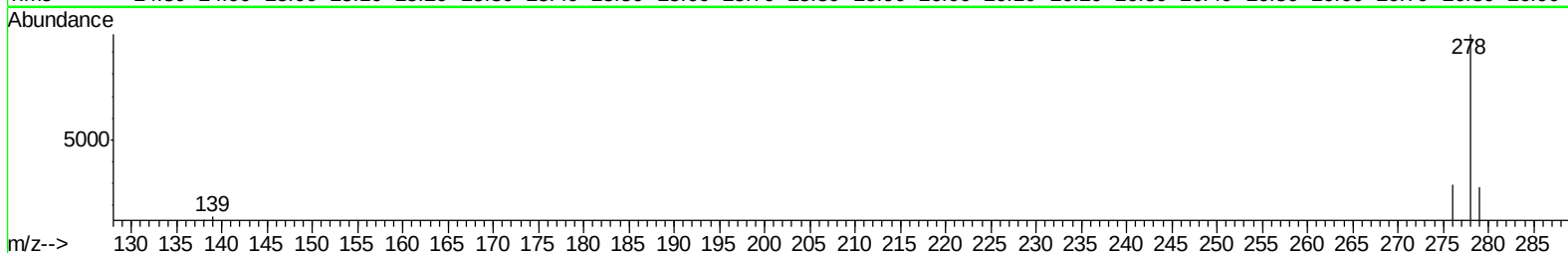
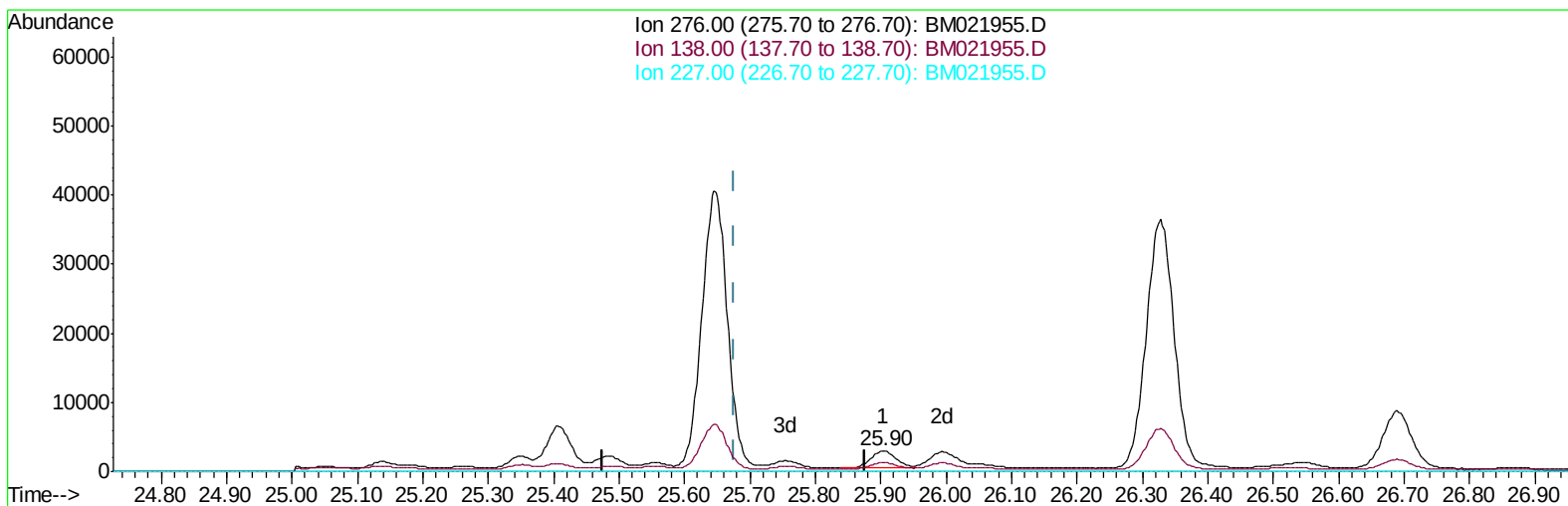
23.341min (-0.019) 9.23ng/ul m

response 182280

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	22.85#
125.00	18.20	8.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(24) Indeno(1,2,3-cd)pyrene

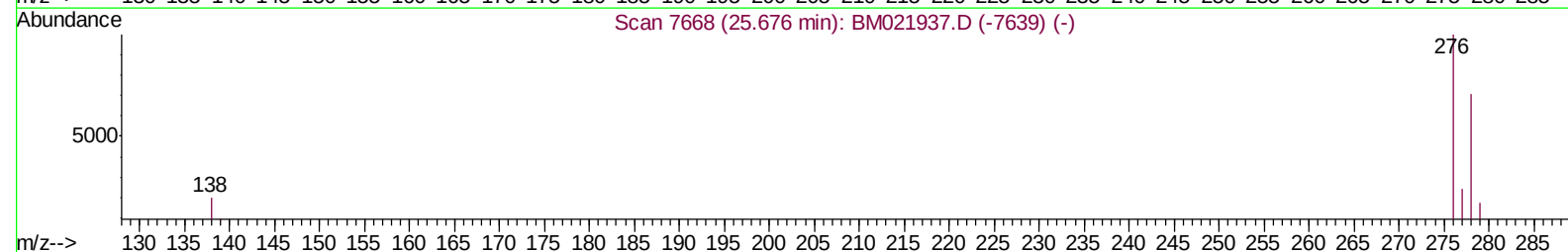
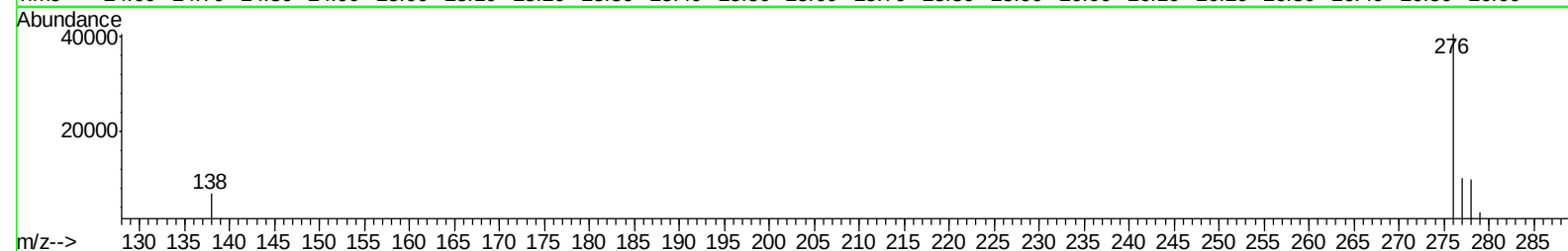
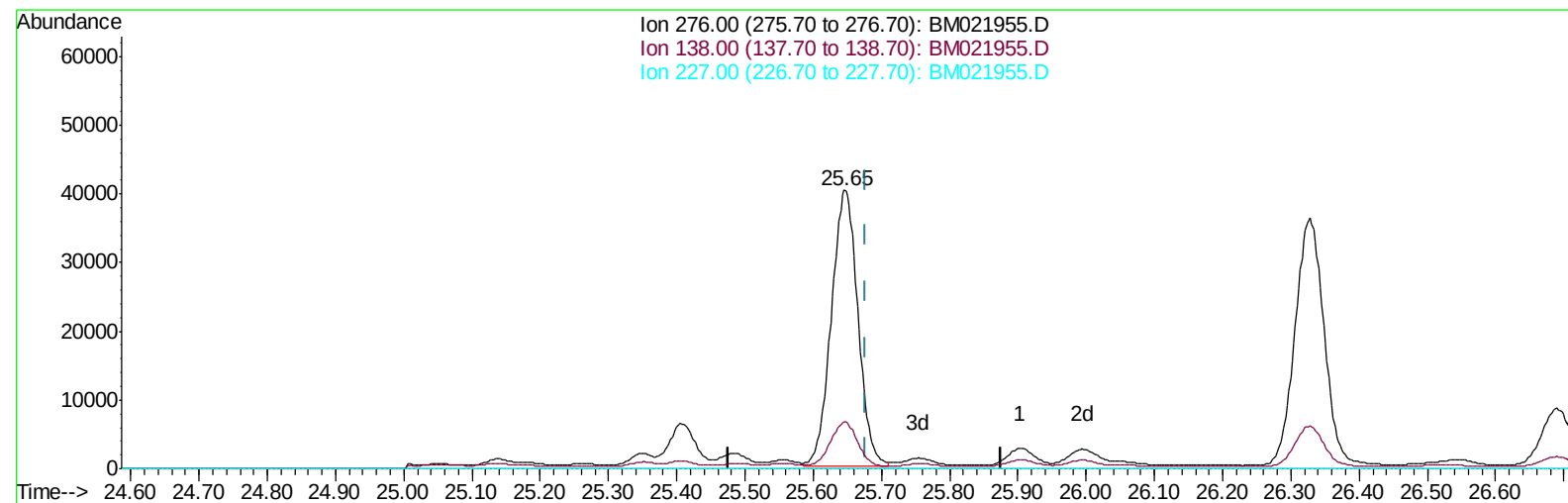
25.904min (+0.228) 0.30ng/ul

response 7047

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	39.97#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(24) Indeno(1,2,3-cd)pyrene

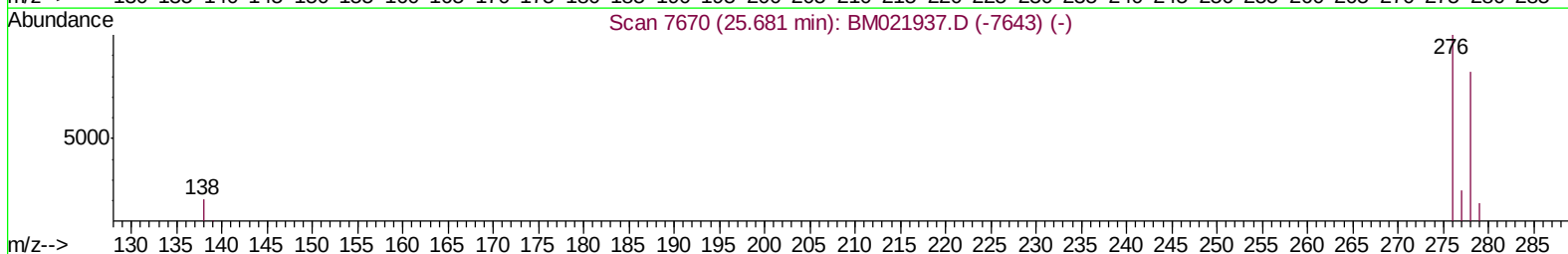
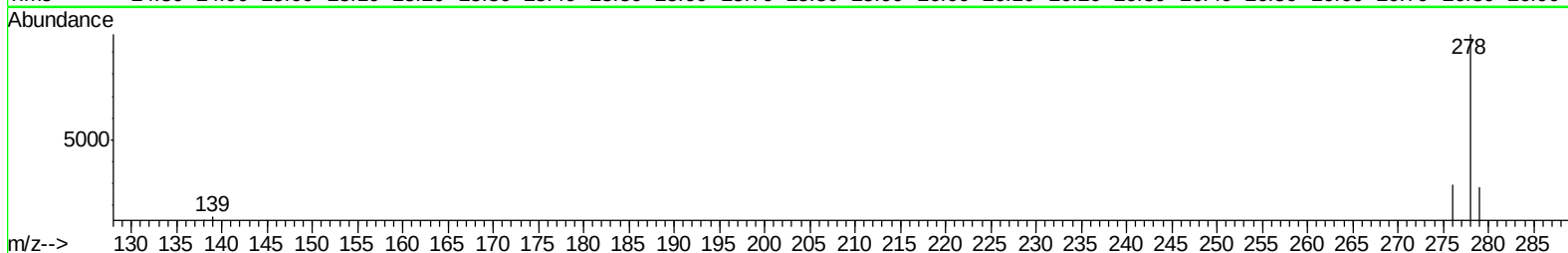
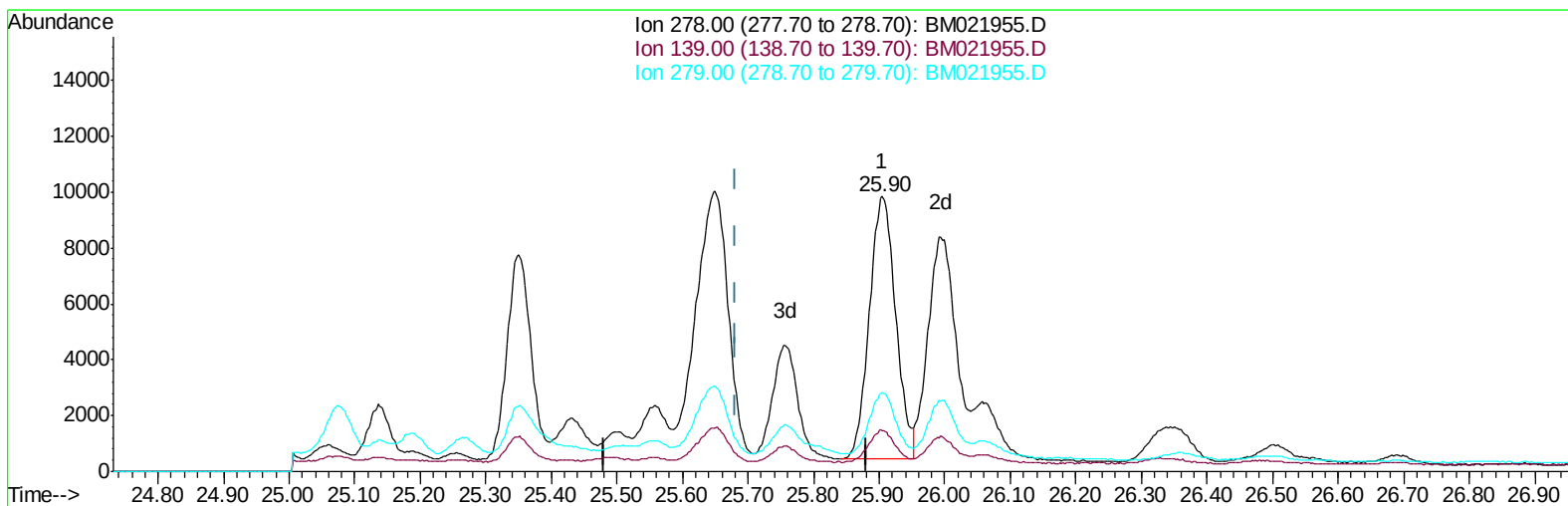
25.645min (-0.031) 4.59ng/ul m

response 108305

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	2.60#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(25) Dibenzo(a,h)anthracene

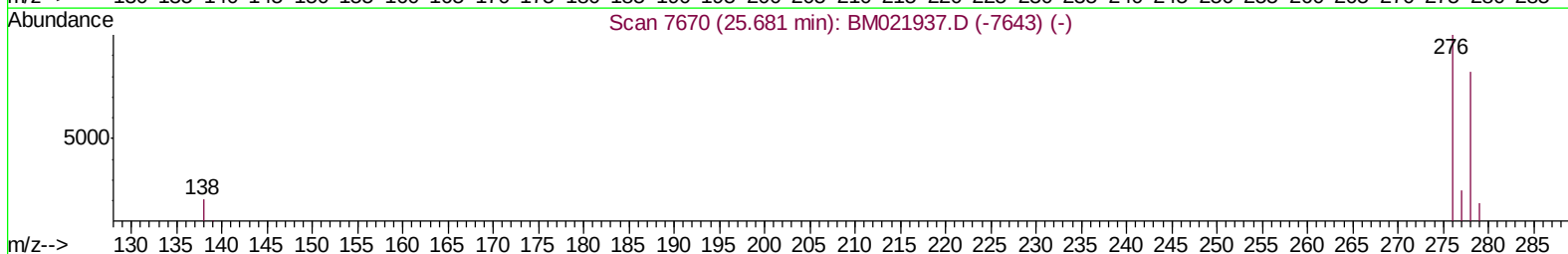
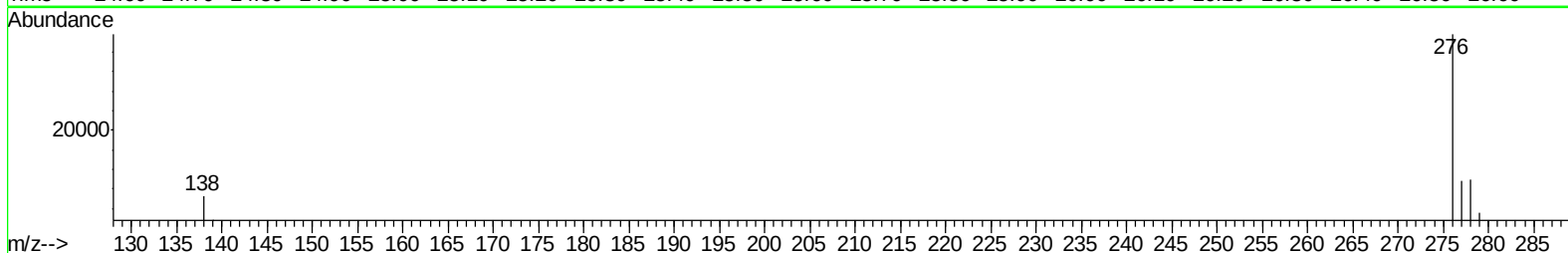
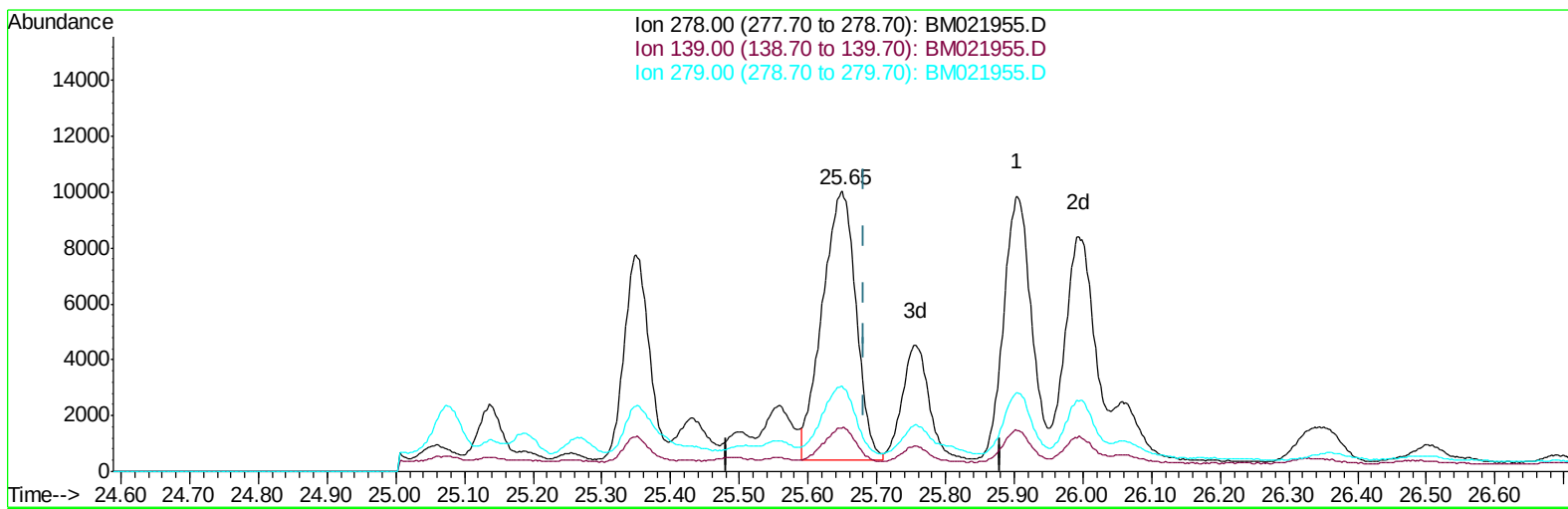
25.904min (+0.223) 1.38ng/ul

response 26339

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	14.83
279.00	35.40	28.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(25) Dibenzo(a,h)anthracene

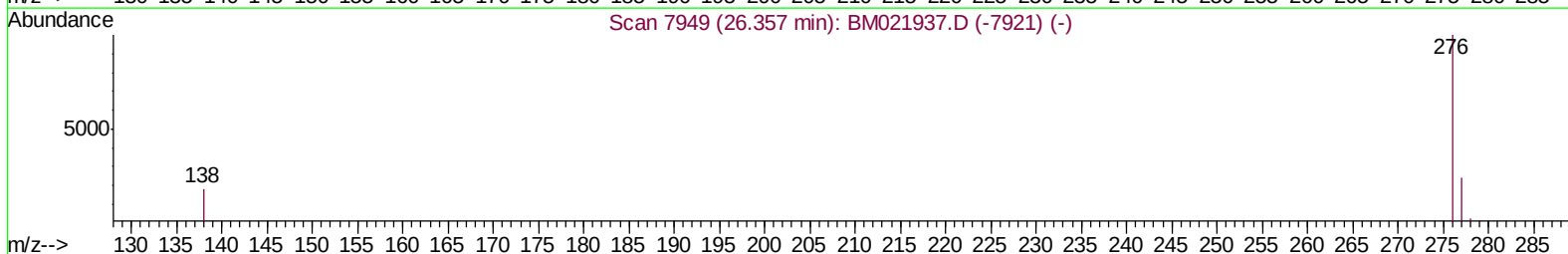
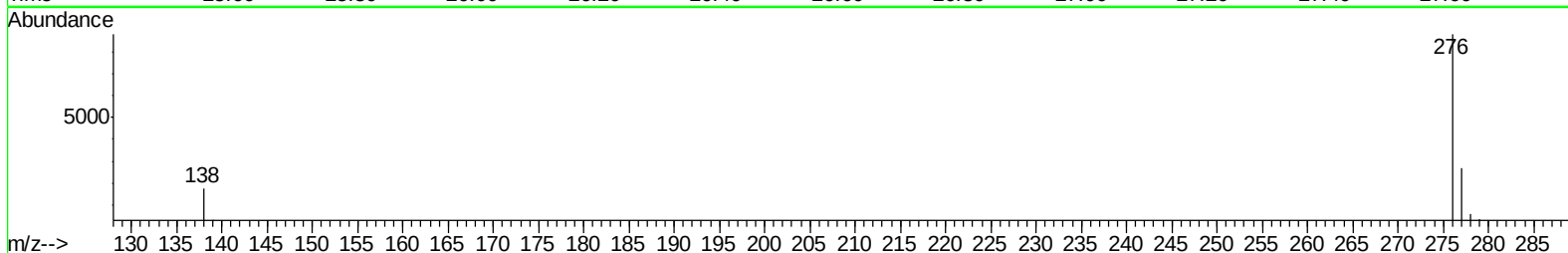
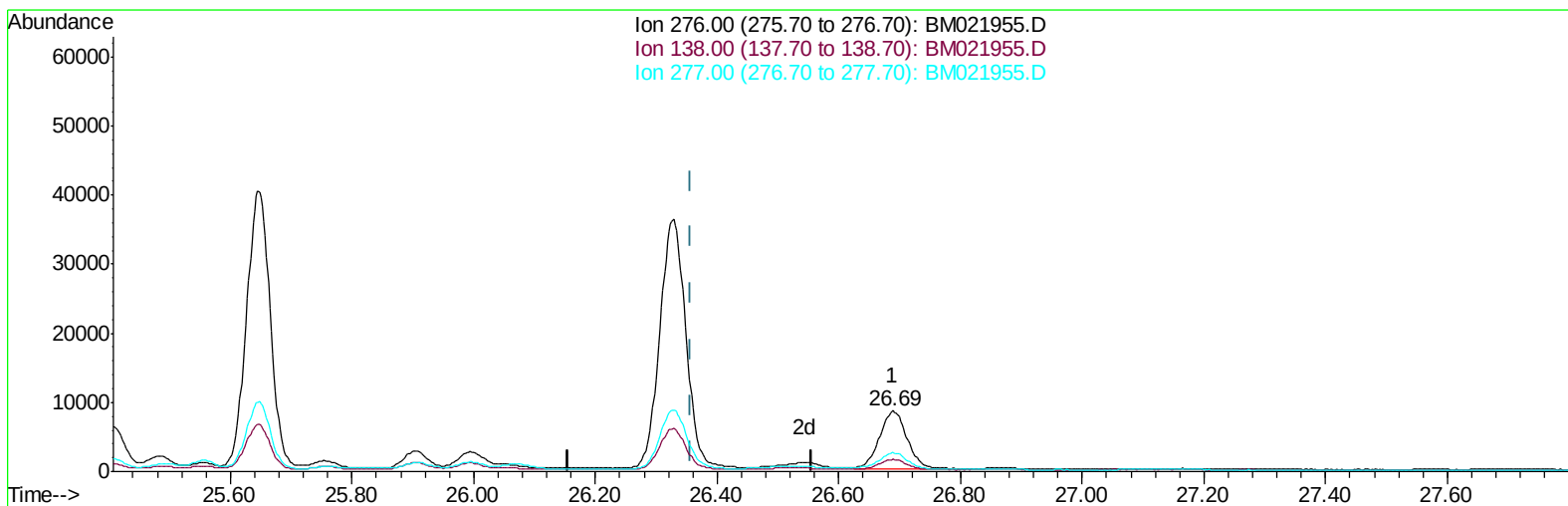
25.650min (-0.031) 1.73ng/ul m

response 32913

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	15.49
279.00	35.40	30.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(26) Benzo(g,h,i)perylene

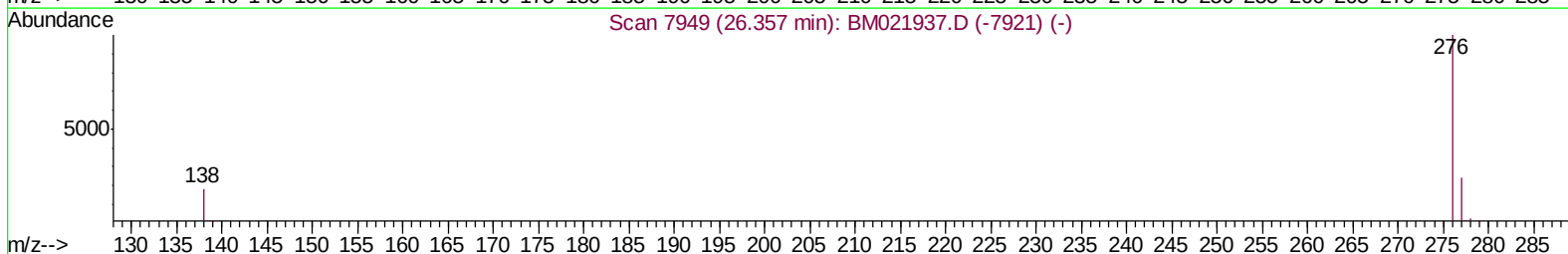
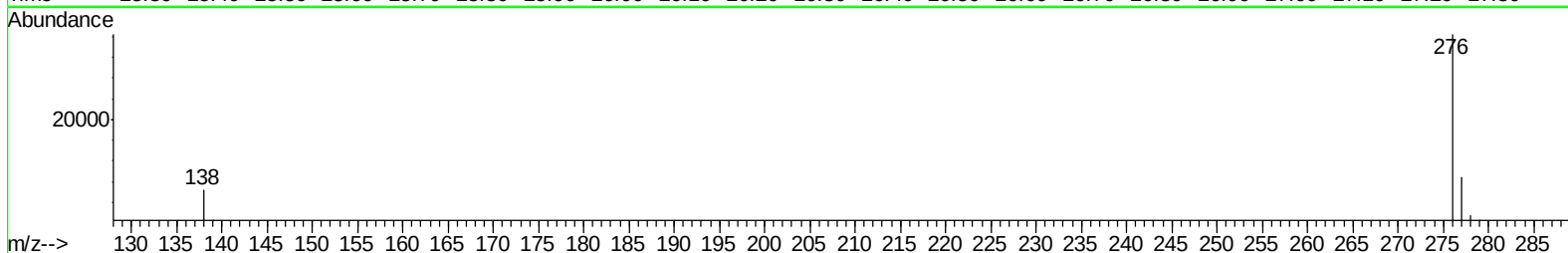
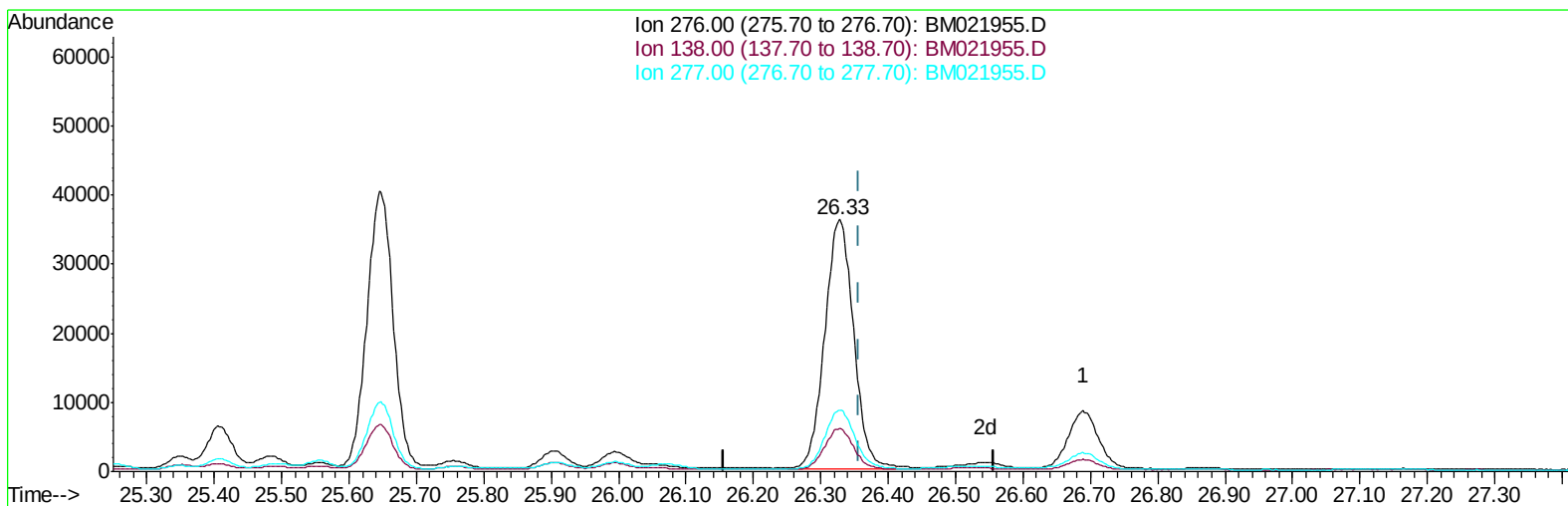
26.689min (+0.332) 1.23ng/ul

response 26062

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	20.06
277.00	26.80	30.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021955.D
Acq On : 09 Aug 2019 05:40
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021955.D

(26) Benzo(g,h,i)perylene

26.328min (-0.029) 5.05ng/ul m

response 107205

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	17.23
277.00	26.80	24.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021955.D
 Acq On : 09 Aug 2019 05:40
 Operator : HP/JU
 Sample : K4028-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 12:16:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	994	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4168	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2374	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	5631m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5440m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	5757m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1076	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3666m	0.19	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.45	128	3660	0.311	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	2047	0.261	ng/ul	96
7) Acenaphthylene	13.99	152	10920	0.986	ng/ul#	82
8) Acenaphthene	14.33	153	6011	0.664	ng/ul	96
9) Fluorene	15.33	166	8134	0.808	ng/ul	98
11) Pentachlorophenol	16.69	266	175m	0.168	ng/ul	
12) Phenanthrene	17.07	178	147392m	8.996	ng/ul	
13) Anthracene	17.16	178	36666m	2.623	ng/ul	
15) Fluoranthene	19.09	202	314427m	14.326	ng/ul	
17) Pyrene	19.46	202	353912	15.832	ng/ul	98
18) Benzo(a)anthracene	21.21	228	212507m	10.921	ng/ul	
19) Chrysene	21.26	228	205230	8.201	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	229553m	11.824	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	82979m	3.777	ng/ul	
23) Benzo(a)pyrene	23.34	252	182280m	9.233	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	108305m	4.594	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	32913m	1.727	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	107205m	5.051	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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